



Formosa Plastics®

Formosa Plastics Corporation, Texas  
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Telephone: 361-987-7000

January 31, 2019

Certified Mail: 7018 0360 0000 5327 9337

Air Section Manager, Region 14  
Texas Commission on Environmental Quality  
6300 Ocean Drive, Suite 1200  
Corpus Christi, Texas 78412

RE: Formosa Plastics Corporation, Texas  
TCEQ Air Quality Account No. CB-0038-Q  
FTIR Quarterly Report (October 2018 – December 2018)

Dear Air Section Manager:

By letter dated January 10, 1996, Formosa Plastics Corporation, Texas (FPC-TX) is required to submit written reports summarizing the FTIR data as specified by Item 5, Section (c). The enclosed quarter report includes FTIR data from the fourth quarter of 2018.

By letter dated November 25, 1997, FPC-TX was asked to submit chemical-specific polar plots of 30-minute average concentrations versus wind direction for days when a trigger level was exceeded. Enclosed are chemical-specific polar plots for those days in which an exceedance occurred. Additionally, FPC-TX was asked to submit an electronic copy of the FTIR Quarterly report. A disk containing the fourth quarter 2018 validated data for the Point Comfort and North sites is enclosed.

During the fourth quarter of 2018, there was one confirmed exceedance of the trigger levels based on [block] 30-minute averages and five confirmed exceedances of the trigger levels based on [running] 30-minute averages. An exceedance is determined by Spectrum Environmental Solutions (SES) through validation of the FTIR data.

Should you have any questions please contact Vanessa Peppers by e-mail at [VanessaP@ftpc.fpcusa.com](mailto:VanessaP@ftpc.fpcusa.com).

Sincerely,

Rick Crabtree  
Vice President/General Manager  
Formosa Plastics Corporation, Texas



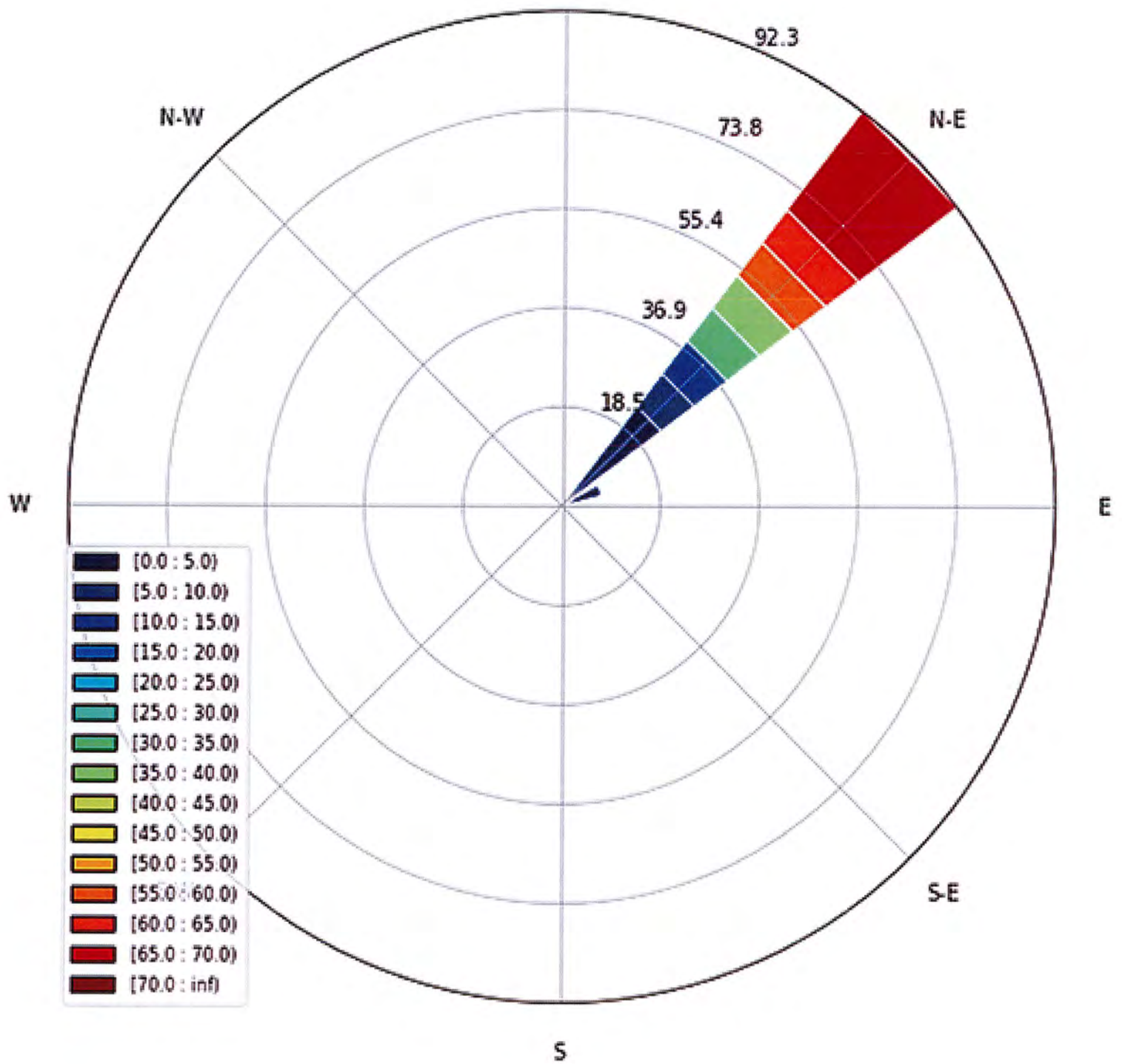
**Formosa Plastics Corporation, Texas**  
**Summary of PC FTIR Downtime**  
**4th Quarter 2018**

<b>Date(s)</b>	<b>Cause(s)</b>	<b>Corrective Action(s)</b>
10/8/2018-10/11/2018	Data loss due to FTIR system failure.	Data collection resumed when system recovered and restarted.
10/15/2018-10/22/2018		
11/9/2018-11/13/2018	Data loss due to computer software issues. Software was not running; therefore, downtime alert system was not active and alerts were not sent to notify Spectrum.	A second alarm script will be installed in separate software by Spectrum scientists during the next field service trip in January 2019.
12/12/2018-12/14/2018		
12/20/2018-12/26/2018		

**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**4th Quarter 2018**

Date	SUMMA Canister Station	Chemical	Concentrations (ppb)	Detection Limits (ppb)
An EARS SUMMA canister was not triggered due to a software malfunction. The 30-minute rolling average algorithm in the software was not functioning correctly at the time of the event and was simply replicating the filtered 5-minute data. The issue has been corrected.				

# FPC EDC (PPB); Dec 18 2018



**Formosa Plastics Corporation, Texas**  
**Emergency Activation Release System (EARS) - SUMMA Canister Results**  
**4th Quarter 2018**

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An EARS SUMMA canister was not triggered due to a software malfunction. The 30-minute rolling average algorithm in the software was not functioning correctly at the time of the event and was simply replicating the filtered 5-minute data. The issue has been corrected.				

**Formosa Plastics Corporation, Texas**  
**Summary of PC FTIR Downtime**  
**4th Quarter 2018**

Date(s)	Cause(s)	Corrective Action(s)
10/8/2018-10/11/2018	Data loss due to FTIR system failure.	Data collection resumed when system recovered and restarted.
10/15/2018-10/22/2018		
11/9/2018-11/13/2018	Data loss due to computer hardware issues. Due to no software running, the downtime alert system was not active and alerts were not sent to notify Spectrum.	A second watchdog script will be installed by Spectrum scientists during the next field service trip in January 2019.
12/12/2018-12/14/2018		
12/20/2018-12/26/2018		

**Formosa Plastics Corporation, Texas**  
**4th Quarter 2018 PC FTIR Report - Summary of Validated Exceedances of the 30-Minute Trigger Levels**  
**Validated Exceedances of the 30-Minute Running Averaged Trigger Levels \*\***

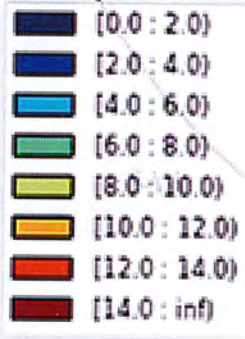
Month/Year	Date	Time	Chemical	Concentrations (ppb)	Trigger Limit (ppb)	Wind Speed (mph)	Wind Direction (degrees)
Dec-18	12/18/18	19:42-20:08	EDC	53.3	40	7.0	52.6
Dec-18	12/18/18	19:47-20:13	EDC	60.1	40	7.5	52.6
Dec-18	12/18/18	19:52-20:18	EDC	66.2	40	7.9	52.6
Dec-18	12/18/18	19:57-20:23	EDC	66.2	40	7.9	52.6
Dec-18	12/18/18	20:02-20:28	EDC	66.2	40	7.9	51.1

Please Note: Polar plots generated by FPC-TXs' FTIR System are attached for those days when the FTIR System detected an exceedance.

\* Indicates polar plot is available.

\*\* The FTIR quarterly report format was agreed upon between TNRCC and FPC-TX upon initiation of the monitoring program. The quarterly report shows *block* averages for each 30-minute period throughout the day. The FTIR collects 5-minute data and creates *rolling* 30-minute averages. The table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" lists the exceedances of the 30-minute average trigger levels based on a *rolling* 30-minute average time period. The validated exceedances of the rolling 30-minute averages for the compounds listed in the table titled "Validated Exceedances of 30-Minute Running Averaged Trigger Levels" is being included in the summary table above, as required by paragraph 5, Section c of the January 10, 1996 letter from the TNRCC.

N







To: Stephanie Schmidt-Mayfield  
Formosa Plastics  
Point Comfort, Texas

From: Bryan Benaway (512) 934-1752

Date: January 25, 2019

Subject: Formosa Point Comfort (FPC) Ambient Air Monitoring Station (AAMS) Gas Challenge Results for October - December 2018

Gas challenges are performed weekly against the OP-FTIR instrument with gases containing the target compounds listed in Table 1. The number of gas challenges performed was limited by instrument and gas standard availability. As such, a total of two independent gas challenges were performed for Q4 2018. Because of its corrosive nature, hydrogen chloride (HCl) was purchased in a separate cylinder and was injected in the calibration cell separate from the rest of the target compounds. The remaining target species, all being volatile organic compounds (VOCs), are contained within a single gas cylinder located at each site. Table 1 lists the challenge compounds and their expected spike concentrations. The expected spike concentrations are arrived at by multiplying the certified cylinder concentrations by the ratio of the calibration cell path length to the open path length (0.10m/314m at FPC). This is would be the molecular density (concentration by volume) if the molecules in the cell were instead evenly distributed across the entire beam path.

In Q3 2018, it was discovered that the challenge gas cylinders had developed leaks at the pressure regulator and subsequently emptied. Replacement gases and two sets of backups were ordered. The VOC mixtures were received in late December and are now operational. The HCl standards were received in January 2019 and will be installed on the next site visit by a Spectrum employee. Two gas challenges were able to be performed in Q4 2018 by transporting temporary gas standards to the site from Spectrum's facility in Austin.

**Table 1. Formosa PC OP-FTIR Gas Challenge Mixtures**

<b>Compound</b>	<b>Compound FTIR Code</b>	<b>Expected Spike Level (ppm)</b>
1,3 Butadiene	BUT	0.040
Benzene	C6H6	0.104
Ethylene	C2H4	0.040
Ethylene Oxide	ETO	0.078
Vinyl Chloride	VCl	0.040
1,2 Dichloroethane	DCA	0.084



Hydrogen Chloride	HCl	0.018
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A total of 2 challenges were performed during the 4th quarter of 2018. All of the gas challenges performed for the quarter resulted in acceptable recoveries with the following exception:

- HCl was not challenged during the 10/5/2018 event due to gas standard availability.

Analyte spike recovery is expressed as a percentage and calculated by taking the ratio of the actual spike value divided by the expected spike value. The actual spike is calculated by averaging the equilibrium points during a run.

### **October 2018**

One gas challenge was conducted in October. Recoveries were generally acceptable for all compounds in October, with the aforementioned exceptions.

### **November 2018**

No gas challenged were conducted in November.

### **December 2018**

One gas challenge was conducted in December. Recoveries were acceptable for all compounds in December.

### **Conclusion**

Recovery statistics for the quarter are presented in Table 2. At the bottom of the table, average recoveries for each compound (for the quarter) are given. Individual results are color-coded. **Green** highlights indicate that recovery fell within the 70% to 130% range, while results highlighted in **yellow** fell within a 50% to 150% range. Results outside of the 50% to 150% range are highlighted in **red**.

**Table 2. Recovery Percentages Summary for 4<sup>th</sup> Quarter 2018**

Date	C6H6	ETO	DCA	C2H4	BUT	VCI	HCl
10/5/2018	106	99	84	110	112	105	<sup>1</sup>
12/11/2018	116	84	100	98	103	107	105
Q4 2018Averages	111	92	92	104	108	106	105

<sup>1</sup>HCl was not available for gas challenge.



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
October 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

Open Path FTIR Daily (24-hour) Averages  
Site: Formosa Point Comfort AAMS

timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/1/2018	98	24911	345	2.11	0.00014	BDL	BDL	BDL	BDL	BDL	0.00036	4.9	83
10/2/2018	98	26858	343	2.13	0.00046	BDL	BDL	BDL	BDL	BDL	0.00019	4.7	92
10/3/2018	100	26907	352	2.15	0.00033	BDL	BDL	BDL	BDL	BDL	0.00045	4.5	113
10/4/2018	100	26699	349	2.07	0.00021	BDL	BDL	BDL	BDL	BDL	0.00134	4.8	111
10/5/2018	100	26895	343	2.10	0.00010	BDL	BDL	BDL	BDL	BDL	0.00131	5.7	108
10/6/2018	100	26109	331	2.01	0.00024	BDL	BDL	0.00003	BDL	BDL	0.00027	6.2	112
10/7/2018	100	25920	327	1.99	0.00012	BDL	BDL	0.00007	BDL	BDL	0.00027	7.6	114
10/8/2018	50	24920	330	1.99	BDL	BDL	BDL	0.00006	BDL	BDL	0.00013	7.8	108
10/9/2018	0											6.6	119
10/10/2018	33	21804	345	2.11	0.00026	BDL	BDL	BDL	BDL	BDL	0.00027	3.8	344
10/11/2018	60	17945	357	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	48
10/12/2018	100	20850	351	2.25	BDL	BDL	BDL	BDL	BDL	BDL	0.00038	5.1	88
10/13/2018	100	26301	331	2.06	BDL	BDL	BDL	BDL	BDL	BDL	0.00025	8.2	135
10/14/2018	100	25774	333	2.04	BDL	BDL	BDL	0.00002	BDL	BDL	0.00098	7.0	123
10/15/2018	42	24869	322	2.08	0.00011	BDL	BDL	0.00011	BDL	BDL	0.00017	6.2	350
10/16/2018	0											6.3	317
10/17/2018	0											5.5	336
10/18/2018	0											4.9	343
10/19/2018	0											4.0	28
10/20/2018	0											6.8	345
10/21/2018	0											4.9	18
10/22/2018	23	11337	283	1.44	BDL	BDL	BDL	BDL	BDL	BDL	0.00059	4.8	351
10/23/2018	85	13552	337	2.26	0.00009	BDL	BDL	BDL	BDL	BDL	0.00058	6.2	348
10/24/2018	92	18849	340	2.37	BDL	BDL	0.00006	BDL	BDL	BDL	0.00018	3.9	5
10/25/2018	94	16132	331	2.38	BDL	BDL	BDL	0.00002	BDL	BDL	0.00020	4.8	305
10/26/2018	100	15421	350	2.48	BDL	BDL	BDL	0.00003	BDL	BDL	0.00014	1.5	249
10/27/2018	96	17517	348	2.52	BDL	BDL	BDL	0.00002	BDL	BDL	0.00035	2.4	202
10/28/2018	48	20590	355	2.39	BDL	BDL	BDL	BDL	BDL	BDL	0.00016	2.8	179
10/29/2018	100	22091	425	2.42	BDL	BDL	BDL	BDL	BDL	BDL	0.00006	4.8	153
10/30/2018	100	23337	419	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.6	137
10/31/2018	96	26159	412	2.32	0.00008	BDL	BDL	BDL	BDL	BDL	BDL	6.2	146

Daily Processed Summary (Average, Maximum)

Average	65	22156	348	2.18	0.00009	BDL	0.00000	0.00001	BDL	BDL	0.00036	2.1	77
Maximum Value	100	26907	425	2.52	0.00046	BDL	0.00006	0.00011	BDL	BDL	0.00134		

BDL = Below Detection Limit

Blank = Not Available



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/01/18 12:30 AM	23650	356	2.18	ND	ND	ND	ND	ND	ND	ND	4.2	28
10/01/18 01:00 AM	23278	357	2.22	ND	ND	ND	ND	ND	ND	ND	3.5	37
10/01/18 01:30 AM	23317	356	2.23	0.00649	ND	ND	ND	ND	ND	ND	3.6	44
10/01/18 02:00 AM	23703	355	2.24	ND	ND	ND	ND	ND	ND	ND	4.0	51
10/01/18 02:30 AM	23786	358	2.24	ND	ND	ND	ND	ND	ND	0.00304	4.8	64
10/01/18 03:00 AM	24015	362	2.26	ND	ND	ND	ND	ND	ND	ND	4.5	99
10/01/18 03:30 AM	23704	357	2.33	ND	ND	ND	ND	ND	ND	ND	3.8	119
10/01/18 04:00 AM	23862	348	2.27	ND	ND	ND	ND	ND	ND	ND	2.3	92
10/01/18 04:30 AM	24568	337	2.16	ND	ND	ND	ND	ND	ND	ND	3.2	61
10/01/18 05:00 AM	24565	343	2.08	ND	ND	ND	ND	ND	ND	ND	2.7	69
10/01/18 05:30 AM	24804	345	2.11	ND	ND	ND	ND	ND	ND	ND	3.8	192
10/01/18 06:00 AM	25094	347	2.21	ND	ND	ND	ND	ND	ND	ND	7.6	77
10/01/18 06:30 AM	25478	353	2.24	ND	ND	ND	ND	ND	ND	ND	4.6	70
10/01/18 07:00 AM	24370	325	2.11	ND	ND	ND	ND	ND	ND	0.00454	3.7	91
10/01/18 08:00 AM	23526	307	1.97	ND	ND	ND	ND	ND	ND	ND	4.2	94
10/01/18 08:30 AM	24408	338	2.06	ND	ND	ND	ND	ND	ND	ND	5.0	95
10/01/18 08:30 AM	24695	337	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	101
10/01/18 09:00 AM	24946	335	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	84
10/01/18 09:30 AM	25056	332	2.05	ND	ND	ND	ND	ND	ND	ND	4.8	76
10/01/18 10:00 AM	25453	338	2.06	ND	ND	ND	ND	ND	ND	ND	5.3	76
10/01/18 10:30 AM	25708	338	2.09	ND	ND	ND	ND	ND	ND	ND	6.7	84
10/01/18 11:00 AM	26009	337	2.07	ND	ND	ND	ND	ND	ND	ND	7.0	86
10/01/18 11:30 AM	25527	334	2.04	ND	ND	ND	ND	ND	ND	ND	7.5	98
10/01/18 12:00 PM	24992	339	2.04	ND	ND	ND	ND	ND	ND	ND	7.3	97
10/01/18 12:30 PM	25755	335	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	97
10/01/18 01:30 PM	24959	344	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	101
10/01/18 02:00 PM	25251	345	2.05	ND	ND	ND	ND	ND	ND	ND	7.0	98
10/01/18 02:30 PM	25243	346	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	99
10/01/18 03:00 PM	24820	348	2.06	ND	ND	ND	ND	ND	ND	ND	6.8	95
10/01/18 03:30 PM	25180	350	2.07	ND	ND	ND	ND	ND	ND	ND	7.1	91
10/01/18 04:00 PM	25442	350	2.07	ND	ND	ND	ND	ND	ND	ND	6.4	82
10/01/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	87
10/01/18 05:00 PM	24906	349	2.06	ND	ND	ND	ND	ND	ND	ND	6.6	87
10/01/18 05:30 PM	24299	350	2.06	ND	ND	ND	ND	ND	ND	ND	6.2	77
10/01/18 06:00 PM	23934	351	2.06	ND	ND	ND	ND	ND	ND	ND	4.4	70
10/01/18 06:30 PM	24755	350	2.07	ND	ND	ND	ND	ND	ND	0.00412	3.5	80
10/01/18 07:00 PM	25308	351	2.08	ND	ND	ND	ND	ND	ND	0.00567	3.7	72
10/01/18 07:30 PM	25785	352	2.09	ND	ND	ND	ND	ND	ND	ND	4.9	73
10/01/18 08:00 PM	26022	351	2.12	ND	ND	ND	ND	ND	ND	ND	4.7	77
10/01/18 08:30 PM	26206	349	2.11	ND	ND	ND	ND	ND	ND	ND	4.6	71
10/01/18 09:00 PM	25407	348	2.10	ND	ND	ND	ND	ND	ND	ND	4.6	70
10/01/18 09:30 PM	25048	348	2.08	ND	ND	ND	ND	ND	ND	ND	5.0	70
10/01/18 10:00 PM	25640	347	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	68
10/01/18 10:30 PM	25776	345	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	72
10/01/18 11:00 PM	25737	347	2.11	ND	ND	ND	ND	ND	ND	ND	5.2	68
10/01/18 11:30 PM	25752	345	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	68
10/02/18 12:00 AM	25808	346	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	72

## Daily Processed Summary (Average, Maximum)

Average	24911	345	2.11	0.00014	BDL	BDL	BDL	BDL	BDL	0.00036	4.9	83
Maximum Value	26206	362	2.33	0.00649	BDL	BDL	BDL	BDL	BDL	0.00567		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/02/18 12:30 AM	25886	344	2.12	ND	ND	ND	ND	ND	ND	ND	4.0	70
10/02/18 01:00 AM	26050	343	2.11	ND	ND	ND	ND	ND	ND	ND	4.4	69
10/02/18 01:30 AM	26348	344	2.12	ND	ND	ND	ND	ND	ND	ND	3.6	63
10/02/18 02:00 AM	26525	343	2.13	ND	ND	ND	ND	ND	ND	ND	3.9	62
10/02/18 02:30 AM	26905	346	2.17	ND	ND	ND	ND	ND	ND	ND	4.2	66
10/02/18 03:00 AM	27024	353	2.26	ND	ND	ND	ND	ND	ND	ND	3.6	59
10/02/18 03:30 AM	26547	347	2.28	ND	ND	ND	ND	ND	ND	ND	3.6	58
10/02/18 04:00 AM	26715	351	2.32	ND	ND	ND	ND	ND	ND	0.00507	3.4	61
10/02/18 04:30 AM	26543	351	2.40	ND	ND	ND	ND	ND	ND	ND	2.8	47
10/02/18 05:00 AM	26756	353	2.30	ND	ND	ND	ND	ND	ND	ND	3.8	61
10/02/18 05:30 AM	26995	359	2.29	ND	ND	ND	ND	ND	ND	ND	3.9	60
10/02/18 06:00 AM	26773	367	2.31	ND	ND	ND	ND	ND	ND	ND	3.4	61
10/02/18 06:30 AM	26113	351	2.29	ND	ND	ND	ND	ND	ND	ND	3.6	61
10/02/18 07:00 AM	21184	226	1.91	ND	ND	ND	ND	ND	ND	ND	3.9	60
10/02/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	60
10/02/18 08:00 AM	20978	276	2.07	ND	ND	ND	ND	ND	ND	ND	4.8	67
10/02/18 08:30 AM	26387	347	2.38	ND	ND	ND	ND	ND	ND	ND	4.4	65
10/02/18 09:00 AM	26996	349	2.37	ND	ND	ND	ND	ND	ND	ND	5.0	74
10/02/18 09:30 AM	27592	347	2.27	ND	ND	ND	ND	ND	ND	ND	5.1	91
10/02/18 10:00 AM	28007	347	2.22	ND	ND	ND	ND	ND	ND	ND	6.1	99
10/02/18 10:30 AM	28084	342	2.12	ND	ND	ND	ND	ND	ND	ND	6.9	94
10/02/18 11:00 AM	27537	340	2.06	ND	ND	ND	ND	ND	ND	ND	5.8	97
10/02/18 11:30 AM	27097	343	2.06	ND	ND	ND	ND	ND	ND	ND	7.1	105
10/02/18 12:00 PM	26422	346	2.05	0.02192	ND	ND	ND	ND	ND	ND	7.4	113
10/02/18 12:30 PM	26070	347	2.05	ND	ND	ND	ND	ND	ND	ND	7.9	115
10/02/18 01:00 PM	26655	345	2.05	ND	ND	ND	ND	ND	ND	ND	7.9	117
10/02/18 01:30 PM	25850	347	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	113
10/02/18 02:00 PM	25865	349	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	119
10/02/18 02:30 PM	26004	349	2.06	ND	ND	ND	ND	ND	ND	ND	8.0	117
10/02/18 03:00 PM	26917	344	2.06	ND	ND	ND	ND	ND	ND	0.00405	7.6	117
10/02/18 03:30 PM	26779	345	2.06	ND	ND	ND	ND	ND	ND	ND	7.9	111
10/02/18 04:00 PM	26975	348	2.06	ND	ND	ND	ND	ND	ND	ND	7.2	113
10/02/18 04:30 PM	27034	348	2.06	ND	ND	ND	ND	ND	ND	ND	7.2	110
10/02/18 05:00 PM	26997	348	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	100
10/02/18 05:30 PM	26956	348	2.06	ND	ND	ND	ND	ND	ND	ND	6.5	98
10/02/18 06:00 PM	27483	344	2.06	ND	ND	ND	ND	ND	ND	ND	6.7	104
10/02/18 06:30 PM	27741	341	2.06	ND	ND	ND	ND	ND	ND	ND	5.4	104
10/02/18 07:00 PM	27365	339	2.05	ND	ND	ND	ND	ND	ND	ND	3.9	85
10/02/18 07:30 PM	27530	339	2.04	ND	ND	ND	ND	ND	ND	ND	3.8	89
10/02/18 08:00 PM	27864	349	2.09	ND	ND	ND	ND	ND	ND	ND	3.7	91
10/02/18 08:30 PM	28234	351	2.08	ND	ND	ND	ND	ND	ND	ND	3.7	91
10/02/18 09:00 PM	28412	350	2.08	ND	ND	ND	ND	ND	ND	ND	3.5	89
10/02/18 09:30 PM	28277	349	2.08	ND	ND	ND	ND	ND	ND	ND	3.8	91
10/02/18 10:00 PM	28343	347	2.08	ND	ND	ND	ND	ND	ND	ND	3.7	88
10/02/18 10:30 PM	28268	345	2.08	ND	ND	ND	ND	ND	ND	ND	3.7	87
10/02/18 11:00 PM	28299	346	2.07	ND	ND	ND	ND	ND	ND	ND	3.5	90
10/02/18 11:30 PM	28557	349	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	89
10/03/18 12:00 AM	28368	348	2.08	ND	ND	ND	ND	ND	ND	ND	3.2	99

## Daily Processed Summary (Average, Maximum)

Average	26858	343	2.13	0.00046	BDL	BDL	BDL	BDL	BDL	0.00019	4.7	92
Maximum Value	28557	367	2.40	0.02192	BDL	BDL	BDL	BDL	BDL	0.00507		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/03/18 12:30 AM	28362	349	2.11	ND	ND	ND	ND	ND	ND	ND	2.0	95
10/03/18 01:00 AM	28180	349	2.12	ND	ND	ND	ND	ND	ND	ND	2.3	97
10/03/18 01:30 AM	27861	351	2.12	ND	ND	ND	ND	ND	ND	ND	1.8	95
10/03/18 02:00 AM	27863	351	2.12	ND	ND	ND	ND	ND	ND	ND	2.2	94
10/03/18 02:30 AM	28060	352	2.17	ND	ND	ND	ND	ND	ND	ND	1.8	96
10/03/18 03:00 AM	28102	351	2.17	ND	ND	ND	ND	ND	ND	ND	2.0	89
10/03/18 03:30 AM	28110	352	2.19	ND	ND	ND	ND	ND	ND	ND	2.2	79
10/03/18 04:00 AM	27942	353	2.14	ND	ND	ND	ND	ND	ND	ND	2.0	89
10/03/18 04:30 AM	27750	355	2.30	ND	ND	ND	ND	ND	ND	ND	1.3	96
10/03/18 05:00 AM	27791	355	2.27	ND	ND	ND	ND	ND	ND	ND	1.0	176
10/03/18 05:30 AM	27782	356	2.25	ND	ND	ND	ND	ND	ND	ND	1.3	87
10/03/18 06:00 AM	27496	359	2.29	ND	ND	ND	ND	ND	ND	ND	1.5	111
10/03/18 06:30 AM	27403	360	2.32	ND	ND	ND	ND	ND	ND	ND	1.8	79
10/03/18 07:00 AM	27202	364	2.45	ND	ND	ND	ND	ND	ND	ND	1.7	91
10/03/18 07:30 AM	27014	366	2.55	ND	ND	ND	ND	ND	ND	ND	1.9	113
10/03/18 08:00 AM	26940	366	2.67	ND	ND	ND	ND	ND	ND	ND	2.3	107
10/03/18 08:30 AM	27267	368	2.70	ND	ND	ND	ND	ND	ND	ND	3.0	101
10/03/18 09:00 AM	27878	365	2.63	ND	ND	ND	ND	ND	ND	ND	5.6	137
10/03/18 09:30 AM	28540	359	2.41	0.00500	ND	ND	ND	ND	ND	ND	6.4	118
10/03/18 10:00 AM	27060	349	2.06	0.00375	ND	ND	ND	ND	ND	ND	5.6	115
10/03/18 10:30 AM	26356	344	2.03	ND	ND	ND	ND	ND	ND	ND	5.9	112
10/03/18 11:00 AM	26582	346	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	114
10/03/18 11:30 AM	26341	346	2.03	ND	ND	ND	ND	ND	ND	ND	6.0	110
10/03/18 12:00 PM	25783	349	2.03	ND	ND	ND	ND	ND	ND	ND	6.4	114
10/03/18 12:30 PM	25208	353	2.04	ND	ND	ND	ND	ND	ND	0.00946	6.5	121
10/03/18 01:00 PM	24747	353	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	106
10/03/18 01:30 PM	24899	353	2.05	ND	ND	ND	ND	ND	ND	0.00304	7.6	105
10/03/18 02:00 PM	25985	350	2.04	ND	ND	ND	ND	ND	ND	ND	7.2	121
10/03/18 02:30 PM	26261	350	2.04	ND	ND	ND	ND	ND	ND	0.00558	8.1	119
10/03/18 03:00 PM	25541	353	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	121
10/03/18 03:30 PM	25781	353	2.04	ND	ND	ND	ND	ND	ND	ND	7.6	118
10/03/18 04:00 PM	25896	353	2.04	ND	ND	ND	ND	ND	ND	ND	8.1	116
10/03/18 04:30 PM	26283	352	2.04	ND	ND	ND	ND	ND	ND	ND	7.8	116
10/03/18 05:00 PM	26688	351	2.04	ND	ND	ND	ND	ND	ND	ND	7.6	116
10/03/18 05:30 PM	26649	350	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	114
10/03/18 06:00 PM	26730	351	2.04	ND	ND	ND	ND	ND	ND	0.00353	6.1	115
10/03/18 06:30 PM	27139	350	2.04	ND	ND	ND	ND	ND	ND	ND	5.7	110
10/03/18 07:00 PM	27109	349	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	112
10/03/18 07:30 PM	27190	348	2.03	ND	ND	ND	ND	ND	ND	ND	5.3	110
10/03/18 08:00 PM	27092	344	2.03	ND	ND	ND	ND	ND	ND	ND	4.8	111
10/03/18 08:30 PM	26663	343	2.02	ND	ND	ND	ND	ND	ND	ND	4.5	114
10/03/18 09:00 PM	26756	345	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	113
10/03/18 09:30 PM	26683	345	2.03	ND	ND	ND	ND	ND	ND	ND	4.6	115
10/03/18 10:00 PM	26773	344	2.03	ND	ND	ND	ND	ND	ND	ND	5.2	112
10/03/18 10:30 PM	26729	343	2.02	ND	ND	ND	ND	ND	ND	ND	3.8	119
10/03/18 11:00 PM	26407	341	2.02	0.00697	ND	ND	ND	ND	ND	ND	4.1	116
10/03/18 11:30 PM	26491	345	2.03	ND	ND	ND	ND	ND	ND	ND	4.4	116
10/04/18 12:00 AM	26184	346	2.03	ND	ND	ND	ND	ND	ND	ND	4.5	114

## Daily Processed Summary (Average, Maximum)

Average	26907	352	2.15	0.00033	BDL	BDL	BDL	BDL	BDL	0.00045	4.5	113
Maximum Value	28540	368	2.70	0.00697	BDL	BDL	BDL	BDL	BDL	0.00946		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/04/18 12:30 AM	26462	344	2.03	ND	ND	ND	ND	ND	ND	0.00348	3.0	130
10/04/18 01:00 AM	26425	341	2.02	ND	ND	ND	ND	ND	ND	ND	3.7	126
10/04/18 01:30 AM	26761	348	2.05	ND	ND	ND	ND	ND	ND	ND	4.1	132
10/04/18 02:00 AM	26596	348	2.05	ND	ND	ND	ND	ND	ND	ND	4.2	126
10/04/18 02:30 AM	26087	348	2.06	ND	ND	ND	ND	ND	ND	ND	4.0	140
10/04/18 03:00 AM	26122	344	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	139
10/04/18 03:30 AM	25732	347	2.06	ND	ND	ND	ND	ND	ND	ND	3.3	140
10/04/18 04:00 AM	26170	349	2.06	ND	ND	ND	ND	ND	ND	ND	2.5	153
10/04/18 04:30 AM	26706	349	2.07	ND	ND	ND	ND	ND	ND	ND	2.5	150
10/04/18 05:00 AM	26845	351	2.08	ND	ND	ND	ND	ND	ND	ND	2.1	126
10/04/18 05:30 AM	26768	351	2.09	ND	ND	ND	ND	ND	ND	ND	2.2	127
10/04/18 06:00 AM	26821	351	2.12	ND	ND	ND	ND	ND	ND	ND	2.0	119
10/04/18 06:30 AM	26787	354	2.17	ND	ND	ND	ND	ND	ND	ND	1.7	108
10/04/18 07:00 AM	26784	356	2.21	ND	ND	ND	ND	ND	ND	ND	1.8	98
10/04/18 07:30 AM	26838	356	2.21	ND	ND	ND	ND	ND	ND	ND	2.8	105
10/04/18 08:00 AM	26814	354	2.10	ND	ND	ND	ND	ND	ND	ND	3.1	103
10/04/18 08:30 AM	27395	351	2.11	ND	ND	ND	ND	ND	ND	ND	3.7	98
10/04/18 09:00 AM	27555	349	2.10	ND	ND	ND	ND	ND	ND	ND	5.0	98
10/04/18 09:30 AM	27482	348	2.08	ND	ND	ND	ND	ND	ND	ND	5.9	107
10/04/18 10:00 AM	27333	345	2.06	ND	ND	ND	ND	ND	ND	ND	5.9	110
10/04/18 10:30 AM	27214	344	2.04	ND	ND	ND	ND	ND	ND	ND	6.3	101
10/04/18 11:00 AM	27049	345	2.04	ND	ND	ND	ND	ND	ND	ND	6.4	103
10/04/18 11:30 AM	26711	346	2.04	ND	ND	ND	ND	ND	ND	ND	6.1	115
10/04/18 12:00 PM	26733	347	2.05	ND	ND	ND	ND	ND	ND	ND	6.7	108
10/04/18 12:30 PM	26394	348	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	107
10/04/18 01:00 PM	25949	350	2.04	ND	ND	ND	ND	ND	ND	ND	7.3	114
10/04/18 01:30 PM	26240	349	2.04	0.01003	ND	ND	ND	ND	ND	ND	8.2	116
10/04/18 02:00 PM	26617	349	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	112
10/04/18 02:30 PM	26976	349	2.04	ND	ND	ND	ND	ND	ND	0.00330	8.9	110
10/04/18 03:00 PM	26860	350	2.04	ND	ND	ND	ND	ND	ND	ND	8.2	112
10/04/18 03:30 PM	26687	350	2.05	ND	ND	ND	ND	ND	ND	ND	7.8	110
10/04/18 04:00 PM	26730	350	2.04	ND	ND	ND	ND	ND	ND	ND	7.4	113
10/04/18 04:30 PM	26757	351	2.05	ND	ND	ND	ND	ND	ND	0.00535	7.7	109
10/04/18 05:00 PM	26978	350	2.05	ND	ND	ND	ND	ND	ND	0.00865	8.1	111
10/04/18 05:30 PM	26088	352	2.05	ND	ND	ND	ND	ND	ND	ND	7.3	109
10/04/18 06:00 PM	26365	351	2.04	ND	ND	ND	ND	ND	ND	0.01345	6.7	107
10/04/18 06:30 PM	26809	350	2.04	ND	ND	ND	ND	ND	ND	0.00819	5.9	107
10/04/18 07:00 PM	27199	349	2.04	ND	ND	ND	ND	ND	ND	0.00336	5.7	103
10/04/18 07:30 PM	27235	348	2.04	ND	ND	ND	ND	ND	ND	0.00530	5.6	106
10/04/18 08:00 PM	26936	345	2.03	ND	ND	ND	ND	ND	ND	0.00343	4.4	100
10/04/18 08:30 PM	26657	345	2.03	ND	ND	ND	ND	ND	ND	0.00645	4.5	104
10/04/18 09:00 PM	26615	347	2.03	ND	ND	ND	ND	ND	ND	ND	4.3	92
10/04/18 09:30 PM	26713	347	2.03	ND	ND	ND	ND	ND	ND	ND	3.7	93
10/04/18 10:00 PM	26489	347	2.04	ND	ND	ND	ND	ND	ND	0.00342	3.2	88
10/04/18 10:30 PM	26202	349	2.09	ND	ND	ND	ND	ND	ND	ND	2.9	97
10/04/18 11:00 PM	26230	351	2.11	ND	ND	ND	ND	ND	ND	ND	3.0	90
10/04/18 11:30 PM	26510	351	2.11	ND	ND	ND	ND	ND	ND	ND	2.8	89
10/05/18 12:00 AM	27122	350	2.07	ND	ND	ND	ND	ND	ND	ND	2.4	89

## Daily Processed Summary (Average, Maximum)

Average	26699	349	2.07	0.00021	BDL	BDL	BDL	BDL	BDL	0.00134	4.8	111
Maximum Value	27555	356	2.21	0.01003	BDL	BDL	BDL	BDL	BDL	0.01345		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	8UT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/05/18 12:30 AM	27234	352	2.09	ND	ND	ND	ND	ND	ND	ND	2.9	89
10/05/18 01:00 AM	27572	351	2.11	ND	ND	ND	ND	ND	ND	ND	2.6	90
10/05/18 01:30 AM	27612	351	2.13	ND	ND	ND	ND	ND	ND	ND	2.6	83
10/05/18 02:00 AM	27565	351	2.12	ND	ND	ND	ND	ND	ND	ND	3.1	83
10/05/18 02:30 AM	27434	350	2.08	ND	ND	ND	ND	ND	ND	0.00500	2.3	82
10/05/18 03:00 AM	27389	350	2.14	ND	ND	ND	ND	ND	ND	0.00704	2.2	91
10/05/18 03:30 AM	27379	352	2.15	ND	ND	ND	ND	ND	ND	0.01321	2.4	113
10/05/18 04:00 AM	27348	352	2.13	ND	ND	ND	ND	ND	ND	ND	4.0	133
10/05/18 04:30 AM	27508	352	2.13	ND	ND	ND	ND	ND	ND	ND	3.0	125
10/05/18 05:00 AM	27179	342	2.06	ND	ND	ND	ND	ND	ND	ND	2.7	124
10/05/18 05:30 AM	27031	347	2.09	ND	ND	ND	ND	ND	ND	0.01514	2.3	123
10/05/18 06:00 AM	27347	350	2.11	ND	ND	ND	ND	ND	ND	0.01638	2.2	116
10/05/18 06:30 AM	27411	351	2.14	ND	ND	ND	ND	ND	ND	ND	2.3	90
10/05/18 07:00 AM	27294	351	2.13	ND	ND	ND	ND	ND	ND	ND	1.9	63
10/05/18 07:30 AM	27354	356	2.30	ND	ND	ND	ND	ND	ND	ND	2.4	58
10/05/18 08:00 AM	26947	364	2.65	ND	ND	ND	ND	ND	ND	ND	3.9	69
10/05/18 08:30 AM	27093	365	2.49	ND	ND	ND	ND	ND	ND	ND	4.7	80
10/05/18 09:00 AM	27506	359	2.54	ND	ND	ND	ND	ND	ND	ND	3.6	94
10/05/18 09:30 AM	27737	352	2.37	ND	ND	ND	ND	ND	ND	0.00621	6.1	113
10/05/18 10:00 AM	26588	351	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	111
10/05/18 10:30 AM	27198	341	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	108
10/05/18 11:00 AM	26082	346	2.04	ND	ND	ND	ND	ND	ND	ND	6.2	102
10/05/18 11:30 AM	26637	344	2.04	ND	ND	ND	ND	ND	ND	ND	7.7	104
10/05/18 12:00 PM	26728	343	2.04	ND	ND	ND	ND	ND	ND	ND	7.6	110
10/05/18 12:30 PM	26382	346	2.04	ND	ND	ND	ND	ND	ND	ND	8.1	115
10/05/18 01:00 PM	26060	347	2.04	0.00500	ND	ND	ND	ND	ND	ND	8.4	110
10/05/18 01:30 PM	26315	347	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	106
10/05/18 02:00 PM	26691	347	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	113
10/05/18 02:30 PM	27064	346	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	111
10/05/18 03:00 PM	27022	348	2.05	ND	ND	ND	ND	ND	ND	ND	8.7	113
10/05/18 03:30 PM	26997	343	2.04	ND	ND	ND	ND	ND	ND	ND	9.0	113
10/05/18 04:00 PM	26387	338	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	115
10/05/18 04:30 PM	26208	338	2.01	ND	ND	ND	ND	ND	ND	ND	8.5	109
10/05/18 05:00 PM	26144	339	2.01	ND	ND	ND	ND	ND	ND	ND	7.7	112
10/05/18 05:30 PM	26270	338	2.01	ND	ND	ND	ND	ND	ND	ND	7.4	105
10/05/18 06:00 PM	26222	339	2.01	ND	ND	ND	ND	ND	ND	ND	6.9	102
10/05/18 06:30 PM	26961	337	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	101
10/05/18 07:00 PM	26588	337	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	104
10/05/18 07:30 PM	26684	334	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	110
10/05/18 08:00 PM	27089	330	2.01	ND	ND	ND	ND	ND	ND	ND	7.6	112
10/05/18 08:30 PM	26765	327	2.00	ND	ND	ND	ND	ND	ND	ND	7.2	112
10/05/18 09:00 PM	26421	325	1.99	ND	ND	ND	ND	ND	ND	ND	6.9	112
10/05/18 09:30 PM	26611	324	1.99	ND	ND	ND	ND	ND	ND	ND	7.1	107
10/05/18 10:00 PM	26528	323	1.99	ND	ND	ND	ND	ND	ND	ND	7.2	109
10/05/18 10:30 PM	26752	321	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	116
10/05/18 11:00 PM	27000	320	1.99	ND	ND	ND	ND	ND	ND	ND	7.4	118
10/05/18 11:30 PM	26257	323	1.99	ND	ND	ND	ND	ND	ND	ND	8.7	116
10/06/18 12:00 AM	26392	324	1.99	ND	ND	ND	ND	ND	ND	ND	8.1	116

## Daily Processed Summary (Average, Maximum)

Average	26895	343	2.10	0.00010	BDL	BDL	BDL	BDL	BDL	0.00131	5.7	108
Maximum Value	27737	365	2.65	0.00500	BDL	BDL	BDL	BDL	BDL	0.01638		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/06/18 12:30 AM	25983	326	1.99	ND	ND	ND	ND	ND	ND	ND	7.7	113
10/06/18 01:00 AM	26204	325	2.00	ND	ND	ND	ND	ND	ND	ND	7.1	113
10/06/18 01:30 AM	26180	326	2.00	ND	ND	ND	ND	ND	ND	ND	7.0	118
10/06/18 02:00 AM	26491	324	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	118
10/06/18 02:30 AM	26890	320	2.00	ND	ND	ND	ND	ND	ND	ND	6.8	118
10/06/18 03:00 AM	26429	323	2.00	ND	ND	ND	ND	ND	ND	ND	5.7	130
10/06/18 03:30 AM	26529	324	2.00	ND	ND	ND	ND	ND	ND	ND	5.5	128
10/06/18 04:00 AM	26673	327	2.02	ND	ND	ND	ND	ND	ND	ND	6.1	132
10/06/18 04:30 AM	26873	328	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	129
10/06/18 05:00 AM	26560	326	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	125
10/06/18 05:30 AM	26546	331	2.04	ND	ND	ND	ND	ND	ND	ND	3.8	127
10/06/18 06:00 AM	26290	330	2.02	ND	ND	ND	ND	ND	ND	ND	3.9	120
10/06/18 06:30 AM	26599	336	2.05	ND	ND	ND	ND	ND	ND	ND	3.5	123
10/06/18 07:00 AM	27295	334	2.02	ND	ND	ND	ND	ND	ND	ND	3.4	102
10/06/18 07:30 AM	26621	333	2.02	ND	ND	ND	ND	ND	ND	ND	3.6	125
10/06/18 08:00 AM	26957	334	2.03	ND	ND	ND	ND	ND	ND	ND	4.8	114
10/06/18 08:30 AM	27419	333	2.04	ND	ND	ND	ND	ND	ND	ND	7.3	116
10/06/18 09:00 AM	26785	324	2.01	ND	ND	ND	ND	ND	ND	ND	8.0	114
10/06/18 09:30 AM	26433	319	2.00	ND	ND	ND	ND	ND	ND	ND	7.2	108
10/06/18 10:00 AM	26292	328	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	111
10/06/18 10:30 AM	25971	332	2.01	ND	ND	ND	0.00087	ND	ND	ND	8.2	109
10/06/18 11:00 AM	25673	335	2.01	ND	ND	ND	ND	ND	ND	ND	8.7	103
10/06/18 11:30 AM	25724	335	2.01	ND	ND	ND	ND	ND	ND	ND	9.0	104
10/06/18 12:00 PM	25778	335	2.02	ND	ND	ND	ND	ND	ND	ND	9.2	110
10/06/18 12:30 PM	25564	335	2.01	ND	ND	ND	ND	ND	ND	0.00450	8.7	107
10/06/18 01:00 PM	25646	335	2.01	ND	ND	ND	ND	ND	ND	0.00457	7.9	108
10/06/18 01:30 PM	25642	335	2.01	ND	ND	ND	ND	ND	ND	ND	7.3	114
10/06/18 02:00 PM	25417	337	2.01	ND	ND	ND	ND	ND	ND	ND	7.9	105
10/06/18 02:30 PM	25471	338	2.02	ND	ND	ND	ND	ND	ND	ND	7.8	108
10/06/18 03:00 PM	25100	337	2.01	ND	ND	ND	ND	ND	ND	0.00401	7.6	115
10/06/18 03:30 PM	24573	337	2.00	ND	ND	ND	ND	ND	ND	ND	7.8	109
10/06/18 04:00 PM	25044	336	2.01	ND	ND	ND	ND	ND	ND	ND	6.8	110
10/06/18 04:30 PM	25617	334	2.00	ND	ND	ND	ND	ND	ND	ND	6.6	109
10/06/18 05:00 PM	25846	332	2.00	0.00654	ND	ND	ND	ND	ND	ND	6.0	113
10/06/18 05:30 PM	25988	333	2.00	ND	ND	ND	ND	ND	ND	ND	5.3	113
10/06/18 06:00 PM	25494	334	2.00	ND	ND	ND	ND	ND	ND	ND	4.4	112
10/06/18 06:30 PM	24967	335	2.00	ND	ND	ND	ND	ND	ND	ND	4.2	107
10/06/18 07:00 PM	25150	336	2.01	ND	ND	ND	0.00075	ND	ND	ND	4.2	103
10/06/18 07:30 PM	25334	337	2.01	ND	ND	ND	ND	ND	ND	ND	4.5	102
10/06/18 08:00 PM	25940	337	2.03	ND	ND	ND	ND	ND	ND	ND	5.5	103
10/06/18 08:30 PM	25852	336	2.02	0.00495	ND	ND	ND	ND	ND	ND	4.5	93
10/06/18 09:00 PM	26161	334	2.02	ND	ND	ND	ND	ND	ND	ND	4.2	100
10/06/18 09:30 PM	26292	331	2.01	ND	ND	ND	ND	ND	ND	ND	4.8	108
10/06/18 10:00 PM	26416	332	2.02	ND	ND	ND	ND	ND	ND	ND	5.5	108
10/06/18 10:30 PM	26623	334	2.03	ND	ND	ND	ND	ND	ND	ND	7.0	112
10/06/18 11:00 PM	26547	326	2.01	ND	ND	ND	ND	ND	ND	ND	6.5	113
10/06/18 11:30 PM	26817	324	2.00	ND	ND	ND	ND	ND	ND	ND	7.5	114
10/07/18 12:00 AM	26557	314	1.97	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	26109	331	2.01	0.00024	BDL	BDL	0.00003	BDL	BDL	0.00027	6.2	112
Maximum Value	27419	338	2.05	0.00654	BDL	BDL	0.00087	BDL	BDL	0.00457		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/07/18 12:30 AM	26621	314	1.97	ND	ND	ND	ND	ND	ND	ND	8.2	117
10/07/18 01:00 AM	26429	314	1.97	ND	ND	ND	ND	ND	ND	ND	8.3	115
10/07/18 01:30 AM	26294	317	1.97	ND	ND	ND	ND	ND	ND	ND	7.4	119
10/07/18 02:00 AM	26404	316	1.97	ND	ND	ND	ND	ND	ND	ND	8.0	125
10/07/18 02:30 AM	26796	312	1.97	ND	ND	ND	ND	ND	ND	ND	6.4	139
10/07/18 03:00 AM	26176	320	1.97	ND	ND	ND	ND	ND	ND	ND	5.1	136
10/07/18 03:30 AM	26320	327	2.00	ND	ND	ND	ND	ND	ND	ND	5.2	135
10/07/18 04:00 AM	26760	329	2.01	ND	ND	ND	ND	ND	ND	ND	4.9	128
10/07/18 04:30 AM	26509	329	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	138
10/07/18 05:00 AM	26579	327	2.01	ND	ND	ND	ND	ND	ND	ND	5.6	133
10/07/18 05:30 AM	26700	329	2.01	0.00558	ND	ND	0.00076	ND	ND	ND	4.7	128
10/07/18 06:00 AM	26403	328	2.02	ND	ND	ND	ND	ND	ND	ND	4.8	107
10/07/18 06:30 AM	26284	329	2.01	ND	ND	ND	ND	ND	ND	ND	2.5	96
10/07/18 07:00 AM	25137	326	1.98	ND	ND	ND	ND	ND	ND	ND	3.6	95
10/07/18 07:30 AM	24136	337	2.02	ND	ND	ND	ND	ND	ND	ND	4.5	102
10/07/18 08:00 AM	25881	335	2.02	ND	ND	ND	ND	ND	ND	ND	7.1	108
10/07/18 08:30 AM	26588	328	1.99	ND	ND	ND	ND	ND	ND	ND	7.4	110
10/07/18 09:00 AM	25868	323	1.97	ND	ND	ND	ND	ND	ND	ND	9.6	109
10/07/18 09:30 AM	26704	325	1.98	ND	ND	ND	ND	ND	ND	ND	9.6	115
10/07/18 10:00 AM	26628	324	1.97	ND	ND	ND	ND	ND	ND	ND	10.3	110
10/07/18 10:30 AM	26672	326	1.97	ND	ND	ND	ND	ND	ND	ND	7.8	134
10/07/18 11:00 AM	26633	327	1.97	ND	ND	ND	ND	ND	ND	ND	9.7	115
10/07/18 11:30 AM	26292	327	1.98	ND	ND	ND	ND	ND	ND	ND	10.4	119
10/07/18 12:00 PM	26391	324	1.96	ND	ND	ND	0.00175	ND	ND	ND	10.5	112
10/07/18 12:30 PM	26522	326	1.97	ND	ND	ND	ND	ND	ND	ND	11.2	115
10/07/18 01:00 PM	26254	328	1.97	ND	ND	ND	ND	ND	ND	ND	11.2	116
10/07/18 01:30 PM	25538	330	1.97	ND	ND	ND	ND	ND	ND	ND	11.0	115
10/07/18 02:00 PM	24921	334	1.97	ND	ND	ND	ND	ND	ND	ND	10.2	120
10/07/18 02:30 PM	24565	337	1.98	ND	ND	ND	ND	ND	ND	ND	10.5	122
10/07/18 03:00 PM	24011	337	1.98	ND	ND	ND	ND	ND	ND	ND	10.4	117
10/07/18 03:30 PM	24341	337	1.98	ND	ND	ND	ND	ND	ND	ND	9.0	112
10/07/18 04:00 PM	24605	337	1.99	ND	ND	ND	ND	ND	ND	ND	8.9	111
10/07/18 04:30 PM	24641	336	1.98	ND	ND	ND	ND	ND	ND	ND	9.2	105
10/07/18 05:00 PM	25009	333	1.98	ND	ND	ND	ND	ND	ND	ND	8.8	103
10/07/18 05:30 PM	25303	331	1.98	ND	ND	ND	ND	ND	ND	ND	7.5	102
10/07/18 06:00 PM	25625	330	1.98	ND	ND	ND	ND	ND	ND	ND	6.3	96
10/07/18 06:30 PM	25880	329	1.98	ND	ND	ND	ND	ND	ND	ND	5.0	96
10/07/18 07:00 PM	26068	328	1.99	ND	ND	ND	ND	ND	ND	ND	6.3	98
10/07/18 07:30 PM	26258	328	2.00	ND	ND	ND	ND	ND	ND	ND	6.9	101
10/07/18 08:00 PM	26277	330	2.01	ND	ND	ND	ND	ND	ND	ND	5.9	99
10/07/18 08:30 PM	25887	328	2.01	ND	ND	ND	ND	ND	ND	ND	7.0	102
10/07/18 09:00 PM	25949	325	2.00	ND	ND	ND	ND	ND	ND	ND	7.4	108
10/07/18 09:30 PM	26305	323	2.01	ND	ND	ND	ND	ND	ND	ND	0.00576	7.3
10/07/18 10:00 PM	25600	325	1.98	ND	ND	ND	ND	ND	ND	0.00576	7.3	108
10/07/18 10:30 PM	26027	320	1.98	ND	ND	ND	ND	ND	ND	ND	7.7	109
10/07/18 11:00 PM	25762	323	1.98	ND	ND	ND	ND	ND	ND	ND	7.8	107
10/07/18 11:30 PM	25968	321	1.97	ND	ND	ND	ND	ND	ND	ND	7.8	108
10/08/18 12:00 AM	25627	323	1.98	ND	ND	ND	0.00080	ND	ND	ND	8.2	111

## Daily Processed Summary (Average, Maximum)

Average	25920	327	1.99	0.00012	BDL	BDL	0.00007	BDL	BDL	0.00027	7.6	114
Maximum Value	26796	337	2.02	0.00558	BDL	BDL	0.00175	BDL	BDL	0.00706		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/08/18 12:30 AM	25609	324	1.98	ND	ND	ND	ND	ND	ND	ND	7.5	110
10/08/18 01:00 AM	25038	327	1.98	ND	ND	ND	ND	ND	ND	ND	8.1	112
10/08/18 01:30 AM	25471	324	1.97	ND	ND	ND	ND	ND	ND	ND	8.7	114
10/08/18 02:00 AM	25420	325	1.97	ND	ND	ND	ND	ND	ND	ND	8.6	114
10/08/18 02:30 AM	24192	331	1.97	ND	ND	ND	ND	ND	ND	ND	8.2	114
10/08/18 03:00 AM	24185	331	1.97	ND	ND	ND	ND	ND	ND	ND	8.0	114
10/08/18 03:30 AM	24354	331	1.97	ND	ND	ND	ND	ND	ND	ND	7.6	115
10/08/18 04:00 AM	24170	332	1.98	ND	ND	ND	0.00084	ND	ND	ND	7.3	113
10/08/18 04:30 AM	24506	330	1.97	ND	ND	ND	ND	ND	ND	ND	7.1	116
10/08/18 05:00 AM	23903	332	1.98	ND	ND	ND	ND	ND	ND	ND	7.0	119
10/08/18 05:30 AM	24212	331	1.98	ND	ND	ND	ND	ND	ND	ND	5.4	121
10/08/18 06:00 AM	24956	329	1.98	ND	ND	ND	0.00111	ND	ND	ND	6.3	117
10/08/18 06:30 AM	25284	330	1.99	ND	ND	ND	ND	ND	ND	0.00635	6.0	111
10/08/18 07:00 AM	24450	330	1.98	ND	ND	ND	ND	ND	ND	ND	6.1	109
10/08/18 07:30 AM	24580	330	1.98	ND	ND	ND	0.00081	ND	ND	ND	5.5	105
10/08/18 08:00 AM	24219	330	1.99	ND	ND	ND	ND	ND	ND	ND	6.6	107
10/08/18 08:30 AM	24715	331	2.00	ND	ND	ND	ND	ND	ND	ND	7.0	110
10/08/18 09:00 AM	25204	331	2.00	ND	ND	ND	ND	ND	ND	ND	9.6	109
10/08/18 09:30 AM	25339	333	2.01	ND	ND	ND	ND	ND	ND	ND	8.6	113
10/08/18 10:00 AM	25328	333	2.01	ND	ND	ND	ND	ND	ND	ND	7.8	110
10/08/18 10:30 AM	25426	333	2.00	ND	ND	ND	ND	ND	ND	ND	8.4	106
10/08/18 11:00 AM	25933	330	2.00	ND	ND	ND	ND	ND	ND	ND	9.3	105
10/08/18 11:30 AM	25863	330	2.00	ND	ND	ND	ND	ND	ND	ND	10.0	108
10/08/18 12:00 PM	25724	331	2.00	ND	ND	ND	ND	ND	ND	ND	9.5	106
10/08/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	109
10/08/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	107
10/08/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	106
10/08/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	106
10/08/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	106
10/08/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	101
10/08/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	101
10/08/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	110
10/08/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	113
10/08/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	108
10/08/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	103
10/08/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	102
10/08/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	100
10/08/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	105
10/08/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	105
10/08/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	93
10/08/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	97
10/08/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	100
10/08/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	100
10/08/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	100
10/08/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	101
10/08/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	102
10/08/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	104
10/09/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	106

## Daily Processed Summary (Average, Maximum)

Average	24920	330	1.99	BDL	BDL	BDL	0.00006	BDL	BDL	0.00013	7.8	108
Maximum Value	25933	333	2.01	BDL	BDL	BDL	0.00111	BDL	BDL	0.00635		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/09/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	108
10/09/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	108
10/09/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	108
10/09/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	110
10/09/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	110
10/09/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	115
10/09/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	112
10/09/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	110
10/09/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	108
10/09/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	106
10/09/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	104
10/09/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	100
10/09/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	65
10/09/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	60
10/09/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	111
10/09/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	111
10/09/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	116
10/09/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	116
10/09/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	119
10/09/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	115
10/09/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	122
10/09/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	123
10/09/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	117
10/09/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	120
10/09/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	123
10/09/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	122
10/09/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	118
10/09/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	117
10/09/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	123
10/09/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	124
10/09/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	121
10/09/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	123
10/09/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	120
10/09/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	122
10/09/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	116
10/09/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	115
10/09/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	118
10/09/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	110
10/09/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	111
10/09/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	88
10/09/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	132
10/09/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	180
10/09/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	270
10/09/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	126
10/09/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	189
10/09/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	175
10/09/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	170
10/10/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.2	270

## Daily Processed Summary (Average, Maximum)

Average											6.6	119
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

	timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
	10/10/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	311
	10/10/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.2	272
	10/10/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	333
	10/10/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	332
	10/10/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.5	335
	10/10/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	342
	10/10/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	335
	10/10/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	328
	10/10/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	348
	10/10/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	295
	10/10/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	124
	10/10/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	240
	10/10/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	26
	10/10/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	37
	10/10/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	118
	10/10/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	345
	10/10/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	353
	10/10/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	178
	10/10/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	343
	10/10/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	341
	10/10/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	348
	10/10/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	343
	10/10/18 11:30 AM	24357	344	2.12	ND	ND	ND	ND	ND	ND	ND	7.3	346
	10/10/18 12:00 PM	24160	343	2.10	ND	ND	ND	ND	ND	ND	ND	7.2	292
	10/10/18 12:30 PM	23233	342	2.07	ND	ND	ND	ND	ND	ND	ND	6.9	344
	10/10/18 01:00 PM	22134	342	2.08	0.00704	ND	ND	ND	ND	ND	ND	6.4	339
	10/10/18 01:30 PM	21569	344	2.09	ND	ND	ND	ND	ND	ND	ND	7.4	349
	10/10/18 02:00 PM	22932	344	2.10	0.00532	ND	ND	ND	ND	ND	ND	6.6	339
	10/10/18 02:30 PM	22291	345	2.11	ND	ND	ND	ND	ND	ND	ND	6.9	346
	10/10/18 03:00 PM	22038	345	2.12	ND	ND	ND	ND	ND	ND	ND	6.2	343
	10/10/18 03:30 PM	21274	345	2.12	ND	ND	ND	ND	ND	ND	0.00428	6.4	345
	10/10/18 04:00 PM	21199	345	2.11	ND	ND	ND	ND	ND	ND	ND	6.9	344
	10/10/18 04:30 PM	21097	346	2.11	ND	ND	ND	ND	ND	ND	ND	5.9	341
	10/10/18 05:00 PM	20258	346	2.12	ND	ND	ND	ND	ND	ND	0.00403	6.8	347
	10/10/18 05:30 PM	19982	346	2.12	ND	ND	ND	ND	ND	ND	ND	6.0	345
	10/10/18 06:00 PM	20198	346	2.13	ND	ND	ND	ND	ND	ND	0.00470	5.4	342
	10/10/18 06:30 PM	20778	346	2.15	ND	ND	ND	ND	ND	ND	ND	4.5	343
	10/10/18 07:00 PM	21371	346	2.17	ND	ND	ND	ND	ND	ND	ND	4.3	344
	10/10/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	339
	10/10/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	346
	10/10/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	350
	10/10/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	351
	10/10/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	352
	10/10/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	356
	10/10/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	238
	10/10/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	179
	10/10/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	3
	10/11/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	65

## Daily Processed Summary (Average, Maximum)

Average	21804	345	2.11	0.00026	BDL	BDL	BDL	BDL	BDL	0.00027	3.8	344
Maximum Value	24357	346	2.17	0.00704	BDL	BDL	BDL	BDL	BDL	0.00470		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/11/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	6
10/11/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	180
10/11/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	353
10/11/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	353
10/11/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	180
10/11/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	122
10/11/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	297
10/11/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	182
10/11/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	8
10/11/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	7
10/11/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	5
10/11/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	3
10/11/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	10
10/11/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	16
10/11/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	25
10/11/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	19
10/11/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	32
10/11/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	32
10/11/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	35
10/11/18 10:00 AM	16990	359	2.60	ND	ND	ND	ND	ND	ND	ND	5.7	38
10/11/18 10:30 AM	17024	358	2.42	ND	ND	ND	ND	ND	ND	ND	6.0	41
10/11/18 11:00 AM	17356	358	2.31	ND	ND	ND	ND	ND	ND	ND	6.3	42
10/11/18 11:30 AM	17712	357	2.31	ND	ND	ND	ND	ND	ND	ND	6.2	27
10/11/18 12:00 PM	17679	356	2.28	ND	ND	ND	ND	ND	ND	ND	5.9	46
10/11/18 12:30 PM	17453	356	2.27	ND	ND	ND	ND	ND	ND	ND	5.3	42
10/11/18 01:00 PM	17511	358	2.30	ND	ND	ND	ND	ND	ND	ND	5.2	48
10/11/18 01:30 PM	17649	359	2.36	ND	ND	ND	ND	ND	ND	ND	6.1	66
10/11/18 02:00 PM	17487	359	2.30	ND	ND	ND	ND	ND	ND	ND	5.5	73
10/11/18 02:30 PM	15928	359	2.24	ND	ND	ND	ND	ND	ND	ND	5.0	70
10/11/18 03:00 PM	15767	360	2.21	ND	ND	ND	ND	ND	ND	ND	4.7	55
10/11/18 03:30 PM	16088	361	2.22	ND	ND	ND	ND	ND	ND	ND	6.6	99
10/11/18 04:00 PM	16968	361	2.23	ND	ND	ND	ND	ND	ND	ND	5.6	105
10/11/18 04:30 PM	19238	357	2.22	ND	ND	ND	ND	ND	ND	ND	6.0	102
10/11/18 05:00 PM	18974	356	2.20	ND	ND	ND	ND	ND	ND	ND	6.1	97
10/11/18 05:30 PM	18911	355	2.20	ND	ND	ND	ND	ND	ND	ND	5.9	94
10/11/18 06:00 PM	18608	355	2.19	ND	ND	ND	ND	ND	ND	ND	5.4	85
10/11/18 06:30 PM	18054	356	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	82
10/11/18 07:00 PM	18574	354	2.19	ND	ND	ND	ND	ND	ND	ND	3.4	79
10/11/18 07:30 PM	18768	354	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	72
10/11/18 08:00 PM	19286	354	2.25	ND	ND	ND	ND	ND	ND	ND	3.5	74
10/11/18 08:30 PM	19186	355	2.23	ND	ND	ND	ND	ND	ND	ND	3.6	74
10/11/18 09:00 PM	19276	353	2.25	ND	ND	ND	ND	ND	ND	ND	3.8	71
10/11/18 09:30 PM	19214	353	2.26	ND	ND	ND	ND	ND	ND	ND	4.2	68
10/11/18 10:00 PM	18996	353	2.25	ND	ND	ND	ND	ND	ND	ND	4.7	62
10/11/18 10:30 PM	18524	353	2.26	ND	ND	ND	ND	ND	ND	ND	3.6	67
10/11/18 11:00 PM	17350	356	2.31	ND	ND	ND	ND	ND	ND	ND	4.7	60
10/11/18 11:30 PM	17863	356	2.30	ND	ND	ND	ND	ND	ND	ND	4.8	61
10/12/18 12:00 AM	17973	363	2.37	ND	ND	ND	ND	ND	ND	ND	5.2	56

## Daily Processed Summary (Average, Maximum)

Average	17945	357	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	48
Maximum Value	19286	363	2.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/12/18 12:30 AM	18041	363	2.38	ND	ND	ND	ND	ND	ND	ND	4.8	52
10/12/18 01:00 AM	17450	364	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	61
10/12/18 01:30 AM	16777	361	2.36	ND	ND	ND	ND	ND	ND	ND	4.5	66
10/12/18 02:00 AM	16373	350	2.46	ND	ND	ND	ND	ND	ND	ND	4.7	61
10/12/18 02:30 AM	16618	357	2.41	ND	ND	ND	ND	ND	ND	ND	4.7	62
10/12/18 03:00 AM	16669	356	2.38	ND	ND	ND	ND	ND	ND	ND	5.2	57
10/12/18 03:30 AM	17129	358	2.41	ND	ND	ND	ND	ND	ND	ND	5.2	58
10/12/18 04:00 AM	17471	360	2.40	ND	ND	ND	ND	ND	ND	ND	5.1	58
10/12/18 04:30 AM	17790	360	2.42	ND	ND	ND	ND	ND	ND	ND	4.9	57
10/12/18 05:00 AM	18145	361	2.38	ND	ND	ND	ND	ND	ND	ND	4.2	63
10/12/18 05:30 AM	18234	360	2.35	ND	ND	ND	ND	ND	ND	ND	4.8	57
10/12/18 06:00 AM	17994	356	2.43	ND	ND	ND	ND	ND	ND	ND	4.3	39
10/12/18 06:30 AM	18180	360	2.43	ND	ND	ND	ND	ND	ND	ND	5.2	37
10/12/18 07:00 AM	18348	356	2.43	ND	ND	ND	ND	ND	ND	ND	5.1	44
10/12/18 08:00 AM	18127	358	2.44	ND	ND	ND	ND	ND	ND	ND	4.5	32
10/12/18 08:30 AM	18507	359	2.45	ND	ND	ND	ND	ND	ND	ND	4.1	51
10/12/18 09:00 AM	18925	359	2.44	ND	ND	ND	ND	ND	ND	ND	4.5	53
10/12/18 09:30 AM	19638	362	2.43	ND	ND	ND	ND	ND	ND	ND	5.1	56
10/12/18 10:00 AM	20260	362	2.43	ND	ND	ND	ND	ND	ND	ND	5.2	72
10/12/18 10:30 AM	21036	355	2.35	ND	ND	ND	ND	ND	ND	ND	6.8	95
10/12/18 11:00 AM	21644	350	2.29	ND	ND	ND	ND	ND	ND	ND	8.5	101
10/12/18 11:30 AM	21630	348	2.17	ND	ND	ND	ND	ND	ND	ND	8.1	106
10/12/18 12:00 PM	21251	348	2.11	ND	ND	ND	ND	ND	ND	ND	8.4	107
10/12/18 12:30 PM	21566	347	2.10	ND	ND	ND	ND	ND	ND	ND	8.7	105
10/12/18 01:00 PM	21827	348	2.10	ND	ND	ND	ND	ND	ND	ND	8.6	104
10/12/18 01:30 PM	21884	347	2.10	ND	ND	ND	ND	ND	ND	ND	9.0	103
10/12/18 02:00 PM	22272	346	2.10	ND	ND	ND	ND	ND	ND	ND	9.9	111
10/12/18 02:30 PM	22539	346	2.10	ND	ND	ND	ND	ND	ND	ND	9.1	114
10/12/18 03:00 PM	22715	346	2.11	ND	ND	ND	ND	ND	ND	ND	9.4	118
10/12/18 03:30 PM	22678	346	2.11	ND	ND	ND	ND	ND	ND	ND	8.5	114
10/12/18 04:00 PM	22684	345	2.10	ND	ND	ND	ND	ND	ND	ND	7.4	114
10/12/18 04:30 PM	22673	345	2.09	ND	ND	ND	ND	ND	ND	ND	7.5	109
10/12/18 05:00 PM	22784	346	2.09	ND	ND	ND	ND	ND	ND	ND	6.9	110
10/12/18 05:30 PM	22799	346	2.08	ND	ND	ND	ND	ND	ND	ND	5.4	109
10/12/18 06:00 PM	22744	346	2.08	ND	ND	ND	ND	ND	ND	ND	3.9	101
10/12/18 06:30 PM	22880	345	2.09	ND	ND	ND	ND	ND	ND	ND	3.0	84
10/12/18 07:00 PM	23274	344	2.09	ND	ND	ND	ND	ND	ND	ND	2.8	85
10/12/18 07:30 PM	23655	345	2.10	ND	ND	ND	ND	ND	ND	ND	0.01090	82
10/12/18 08:00 PM	23839	346	2.12	ND	ND	ND	ND	ND	ND	ND	3.0	83
10/12/18 08:30 PM	23833	348	2.17	ND	ND	ND	ND	ND	ND	ND	0.00749	4.3
10/12/18 09:00 PM	23908	349	2.21	ND	ND	ND	ND	ND	ND	ND	4.4	98
10/12/18 09:30 PM	24020	348	2.18	ND	ND	ND	ND	ND	ND	ND	4.2	106
10/12/18 10:00 PM	24145	347	2.18	ND	ND	ND	ND	ND	ND	ND	5.0	112
10/12/18 10:30 PM	24412	345	2.18	ND	ND	ND	ND	ND	ND	ND	5.4	114
10/12/18 11:00 PM	24430	340	2.12	ND	ND	ND	ND	ND	ND	ND	4.5	128
10/12/18 11:30 PM	24357	339	2.09	ND	ND	ND	ND	ND	ND	ND		
10/13/18 12:00 AM	24332	336	2.08	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	20850	351	2.25	BDL	BDL	BDL	BDL	BDL	BDL	0.00038	5.1	88
Maximum Value	24430	364	2.46	BDL	BDL	BDL	BDL	BDL	BDL	0.01090		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/13/18 12:30 AM	24602	334	2.08	ND	ND	ND	ND	ND	ND	0.00466	4.5	134
10/13/18 01:00 AM	24864	337	2.10	ND	ND	ND	ND	ND	ND	ND	4.3	127
10/13/18 01:30 AM	24914	338	2.13	ND	ND	ND	ND	ND	ND	ND	3.6	120
10/13/18 02:00 AM	25043	339	2.12	ND	ND	ND	ND	ND	ND	ND	3.9	107
10/13/18 02:30 AM	25332	340	2.11	ND	ND	ND	ND	ND	ND	ND	4.7	115
10/13/18 03:00 AM	25609	339	2.11	ND	ND	ND	ND	ND	ND	ND	6.1	115
10/13/18 03:30 AM	25788	334	2.11	ND	ND	ND	ND	ND	ND	ND	5.7	115
10/13/18 04:00 AM	25742	326	2.09	ND	ND	ND	ND	ND	ND	ND	6.0	116
10/13/18 04:30 AM	25813	326	2.08	ND	ND	ND	ND	ND	ND	ND	6.4	115
10/13/18 05:00 AM	26013	323	2.07	ND	ND	ND	ND	ND	ND	ND	7.1	117
10/13/18 05:30 AM	25997	321	2.05	ND	ND	ND	ND	ND	ND	ND	6.5	118
10/13/18 06:00 AM	25960	320	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	119
10/13/18 06:30 AM	26032	320	2.04	ND	ND	ND	ND	ND	ND	ND	8.4	121
10/13/18 07:00 AM	26013	317	2.03	ND	ND	ND	ND	ND	ND	ND	7.6	120
10/13/18 07:30 AM	25970	319	2.03	ND	ND	ND	ND	ND	ND	ND	8.5	120
10/13/18 08:00 AM	25942	321	2.03	ND	ND	ND	ND	ND	ND	ND	9.2	120
10/13/18 08:30 AM	25965	322	2.03	ND	ND	ND	ND	ND	ND	ND	8.7	124
10/13/18 09:00 AM	26377	329	2.04	ND	ND	ND	ND	ND	ND	ND	8.3	127
10/13/18 09:30 AM	26545	332	2.05	ND	ND	ND	ND	ND	ND	ND	10.5	133
10/13/18 10:00 AM	26566	334	2.05	ND	ND	ND	ND	ND	ND	ND	11.7	131
10/13/18 10:30 AM	26484	335	2.05	ND	ND	ND	ND	ND	ND	ND	11.3	133
10/13/18 11:00 AM	26384	334	2.04	ND	ND	ND	ND	ND	ND	ND	10.4	138
10/13/18 11:30 AM	26365	335	2.04	ND	ND	ND	ND	ND	ND	ND	12.2	144
10/13/18 12:00 PM	26278	336	2.07	ND	ND	ND	ND	ND	ND	ND	13.4	137
10/13/18 12:30 PM	26216	338	2.06	ND	ND	ND	ND	ND	ND	ND	11.8	143
10/13/18 01:00 PM	26287	337	2.05	ND	ND	ND	ND	ND	ND	ND	12.2	146
10/13/18 01:30 PM	26244	338	2.06	ND	ND	ND	ND	ND	ND	0.00352	12.0	146
10/13/18 02:00 PM	26359	337	2.04	ND	ND	ND	ND	ND	ND	ND	10.8	144
10/13/18 02:30 PM	26537	337	2.04	ND	ND	ND	ND	ND	ND	ND	11.3	146
10/13/18 03:00 PM	26454	338	2.05	ND	ND	ND	ND	ND	ND	ND	10.0	148
10/13/18 03:30 PM	26717	340	2.05	ND	ND	ND	ND	ND	ND	ND	9.9	138
10/13/18 04:00 PM	26847	341	2.05	ND	ND	ND	ND	ND	ND	0.00374	10.5	141
10/13/18 04:30 PM	26703	338	2.04	ND	ND	ND	ND	ND	ND	ND	9.5	145
10/13/18 05:00 PM	26885	339	2.05	ND	ND	ND	ND	ND	ND	ND	10.7	148
10/13/18 05:30 PM	26734	341	2.05	ND	ND	ND	ND	ND	ND	ND	9.2	146
10/13/18 06:00 PM	26647	342	2.06	ND	ND	ND	ND	ND	ND	ND	9.4	146
10/13/18 06:30 PM	26849	342	2.06	ND	ND	ND	ND	ND	ND	ND	8.7	146
10/13/18 07:00 PM	26994	339	2.05	ND	ND	ND	ND	ND	ND	ND	8.1	142
10/13/18 07:30 PM	27017	336	2.05	ND	ND	ND	ND	ND	ND	ND	7.7	146
10/13/18 08:00 PM	26962	330	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	143
10/13/18 08:30 PM	26967	331	2.05	ND	ND	ND	ND	ND	ND	ND	6.8	134
10/13/18 09:00 PM	27104	329	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	135
10/13/18 09:30 PM	26943	319	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	137
10/13/18 10:00 PM	26938	319	2.03	ND	ND	ND	ND	ND	ND	ND	7.7	139
10/13/18 10:30 PM	26928	322	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	140
10/13/18 11:00 PM	26892	320	2.02	ND	ND	ND	ND	ND	ND	ND	6.4	136
10/13/18 11:30 PM	26815	320	2.03	ND	ND	ND	ND	ND	ND	ND	5.9	134
10/14/18 12:00 AM	26828	319	2.02	ND	ND	ND	ND	ND	ND	ND	6.5	133

## Daily Processed Summary (Average, Maximum)

Average	26301	331	2.06	BDL	BDL	BDL	BDL	BDL	BDL	0.00025	8.2	135
Maximum Value	27104	342	2.13	BDL	BDL	BDL	BDL	BDL	BDL	0.00466		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/14/18 12:30 AM	27038	319	2.04	ND	ND	ND	ND	ND	ND	ND	6.7	131
10/14/18 01:00 AM	26904	318	2.04	ND	ND	ND	ND	ND	ND	ND	6.6	131
10/14/18 01:30 AM	26802	320	2.04	ND	ND	ND	ND	ND	ND	ND	6.9	132
10/14/18 02:00 AM	26601	319	2.04	ND	ND	ND	ND	ND	ND	ND	6.2	131
10/14/18 02:30 AM	26576	320	2.04	ND	ND	ND	ND	ND	ND	ND	7.0	130
10/14/18 03:00 AM	26401	323	2.05	ND	ND	ND	ND	ND	ND	0.00436	6.6	135
10/14/18 03:30 AM	26451	321	2.04	ND	ND	ND	ND	ND	ND	ND	5.4	138
10/14/18 04:00 AM	26476	326	2.05	ND	ND	ND	ND	ND	ND	ND	6.2	133
10/14/18 04:30 AM	26377	332	2.07	ND	ND	ND	ND	ND	ND	ND	6.3	136
10/14/18 05:00 AM	26144	328	2.06	ND	ND	ND	ND	ND	ND	ND	6.0	138
10/14/18 05:30 AM	25999	325	2.06	ND	ND	ND	ND	ND	ND	0.00661	5.6	136
10/14/18 06:00 AM	25758	330	2.06	ND	ND	ND	ND	ND	ND	ND	5.2	134
10/14/18 06:30 AM	25663	331	2.07	ND	ND	ND	ND	ND	ND	ND	6.0	133
10/14/18 07:00 AM	25695	329	2.06	ND	ND	ND	ND	ND	ND	0.00373	5.3	134
10/14/18 07:30 AM	25382	329	2.06	ND	ND	ND	ND	ND	ND	ND	5.6	134
10/14/18 08:00 AM	25495	331	2.07	ND	ND	ND	ND	ND	ND	0.00338	6.0	136
10/14/18 08:30 AM	25806	331	2.09	ND	ND	ND	ND	ND	ND	ND	6.1	134
10/14/18 09:00 AM	26157	333	2.08	ND	ND	ND	ND	ND	ND	ND	7.9	138
10/14/18 09:30 AM	26274	335	2.07	ND	ND	ND	ND	ND	ND	ND	7.7	139
10/14/18 10:00 AM	25785	338	2.05	ND	ND	ND	ND	ND	ND	ND	8.5	136
10/14/18 10:30 AM	25411	340	2.04	ND	ND	ND	ND	ND	ND	ND	8.8	135
10/14/18 11:00 AM	25259	339	2.04	ND	ND	ND	ND	ND	ND	ND	8.7	136
10/14/18 11:30 AM	25129	340	2.04	ND	ND	ND	ND	ND	ND	ND	9.4	124
10/14/18 12:00 PM	25337	339	2.04	ND	ND	ND	ND	ND	ND	ND	9.4	124
10/14/18 12:30 PM	24852	339	2.03	ND	ND	ND	ND	ND	ND	0.00279	8.6	126
10/14/18 01:00 PM	24786	342	2.04	ND	ND	ND	ND	ND	ND	ND	9.8	132
10/14/18 01:30 PM	25703	341	2.04	ND	ND	ND	ND	ND	ND	ND	9.4	115
10/14/18 02:00 PM	25349	342	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	122
10/14/18 02:30 PM	25363	341	2.03	ND	ND	ND	ND	ND	ND	ND	9.1	118
10/14/18 03:00 PM	24959	344	2.03	ND	ND	ND	ND	ND	ND	ND	9.0	118
10/14/18 03:30 PM	25008	344	2.04	ND	ND	ND	ND	ND	ND	ND	9.3	116
10/14/18 04:00 PM	25217	343	2.04	ND	ND	ND	ND	ND	ND	ND	8.9	108
10/14/18 04:30 PM	25200	343	2.03	ND	ND	ND	ND	ND	ND	ND	7.7	114
10/14/18 05:00 PM	25309	342	2.03	ND	ND	ND	ND	ND	ND	0.00757	8.3	111
10/14/18 05:30 PM	25589	341	2.03	ND	ND	ND	ND	ND	ND	ND	6.6	112
10/14/18 06:00 PM	25544	341	2.03	ND	ND	ND	0.00084	ND	ND	ND	5.8	108
10/14/18 06:30 PM	25379	341	2.03	ND	ND	ND	ND	ND	ND	0.00556	5.9	105
10/14/18 07:00 PM	25713	340	2.03	ND	ND	ND	ND	ND	ND	ND	5.6	100
10/14/18 07:30 PM	25991	337	2.03	ND	ND	ND	ND	ND	ND	0.00596	6.9	105
10/14/18 08:00 PM	25893	332	2.02	ND	ND	ND	ND	ND	ND	0.00683	7.4	104
10/14/18 08:30 PM	26043	331	2.01	ND	ND	ND	ND	ND	ND	ND	7.5	103
10/14/18 09:00 PM	25812	329	2.00	ND	ND	ND	ND	ND	ND	ND	7.1	106
10/14/18 09:30 PM	25662	328	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	107
10/14/18 10:00 PM	25660	327	2.00	ND	ND	ND	ND	ND	ND	ND	6.2	107
10/14/18 10:30 PM	25610	327	2.00	ND	ND	ND	ND	ND	ND	ND	4.8	101
10/14/18 11:00 PM	25697	325	1.99	ND	ND	ND	ND	ND	ND	ND	6.6	110
10/14/18 11:30 PM	25672	326	2.00	ND	ND	ND	ND	ND	ND	ND	6.7	115
10/15/18 12:00 AM	26238	329	2.01	ND	ND	ND	ND	ND	ND	ND	6.7	115

## Daily Processed Summary (Average, Maximum)

Average	25774	333	2.04	BDL	BDL	BDL	0.00002	BDL	BDL	0.00098	7.0	123
Maximum Value	27038	344	2.09	BDL	BDL	BDL	0.00084	BDL	BDL	0.00757		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestampt	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/15/18 12:30 AM	25557	323	1.99	ND	ND	ND	ND	ND	ND	ND	6.1	114
10/15/18 01:00 AM	25327	326	1.99	ND	ND	ND	ND	ND	ND	ND	4.6	119
10/15/18 01:30 AM	25363	327	1.99	ND	ND	ND	ND	ND	ND	ND	4.3	128
10/15/18 02:00 AM	25950	329	1.99	ND	ND	ND	ND	ND	ND	ND	3.5	123
10/15/18 02:30 AM	26677	328	2.01	ND	ND	ND	ND	ND	ND	ND	2.7	95
10/15/18 03:00 AM	27097	332	2.01	ND	ND	ND	ND	ND	ND	ND	2.4	70
10/15/18 03:30 AM	27608	336	2.01	ND	ND	ND	ND	ND	ND	ND	2.0	65
10/15/18 04:00 AM	27889	340	2.06	ND	ND	ND	ND	ND	ND	ND	2.6	61
10/15/18 04:30 AM	27854	342	2.20	ND	ND	ND	ND	ND	ND	ND	3.3	62
10/15/18 05:00 AM	27716	342	2.26	ND	ND	ND	ND	ND	ND	ND	3.3	66
10/15/18 05:30 AM	27774	341	2.14	ND	ND	ND	ND	ND	ND	ND	3.8	58
10/15/18 06:00 AM	27096	347	2.31	ND	ND	ND	ND	ND	ND	ND	5.5	49
10/15/18 06:30 AM	26743	345	2.32	ND	ND	ND	ND	ND	ND	ND	6.6	60
10/15/18 07:00 AM	26915	326	2.15	ND	ND	ND	0.00283	ND	ND	ND	5.0	60
10/15/18 07:30 AM	26530	322	2.20	ND	ND	ND	ND	ND	ND	0.00824	3.8	55
10/15/18 08:00 AM	26865	325	2.19	ND	ND	ND	ND	ND	ND	ND	9.4	323
10/15/18 08:30 AM	27561	328	2.15	ND	ND	ND	ND	ND	ND	ND	10.9	330
10/15/18 09:00 AM	18221	342	2.25	0.00518	ND	ND	ND	ND	ND	ND	9.3	319
10/15/18 09:30 AM	14378	297	2.12	ND	ND	ND	0.00239	ND	ND	ND	8.9	338
10/15/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.3	343
10/15/18 10:30 AM	8251	133	1.21	ND	ND	ND	ND	ND	ND	ND	9.1	339
10/15/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	335
10/15/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	339
10/15/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	338
10/15/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	340
10/15/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	339
10/15/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	339
10/15/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	336
10/15/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	339
10/15/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	341
10/15/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	337
10/15/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	342
10/15/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	346
10/15/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	346
10/15/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	343
10/15/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	348
10/15/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	350
10/15/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	346
10/15/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	346
10/15/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	341
10/15/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	345
10/15/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	350
10/15/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	339
10/15/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	336
10/15/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	339
10/15/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	342
10/15/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	343
10/16/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	344

## Daily Processed Summary (Average, Maximum)

Average	24869	322	2.08	0.00011	BDL	BDL	0.00011	BDL	BDL	0.00017	6.2	350
Maximum Value	27889	347	2.32	0.00518	BDL	BDL	0.00283	BDL	BDL	0.00824		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAM'S

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/16/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	336
10/16/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	317
10/16/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	306
10/16/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	304
10/16/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	301
10/16/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	304
10/16/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	307
10/16/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	308
10/16/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	311
10/16/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	307
10/16/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	316
10/16/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	315
10/16/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	317
10/16/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	315
10/16/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	315
10/16/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	331
10/16/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	319
10/16/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	325
10/16/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	332
10/16/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	322
10/16/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	321
10/16/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	322
10/16/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	328
10/16/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	328
10/16/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	321
10/16/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	318
10/16/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	318
10/16/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	318
10/16/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	324
10/16/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	326
10/16/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	320
10/16/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	323
10/16/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	326
10/16/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	334
10/16/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	323
10/16/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	323
10/16/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	330
10/16/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	321
10/16/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	323
10/16/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	316
10/16/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	317
10/16/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	317
10/16/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	319
10/16/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	319
10/16/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	314
10/16/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	316
10/16/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	318
10/17/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average											6.3	317
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCI_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/17/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	314
10/17/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	316
10/17/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	314
10/17/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	319
10/17/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	317
10/17/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	318
10/17/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	324
10/17/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	339
10/17/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	334
10/17/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	331
10/17/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	340
10/17/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	336
10/17/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	331
10/17/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	338
10/17/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	339
10/17/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	335
10/17/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	334
10/17/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	329
10/17/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	320
10/17/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	326
10/17/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	322
10/17/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	325
10/17/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	328
10/17/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	337
10/17/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	332
10/17/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	333
10/17/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	344
10/17/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	340
10/17/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	330
10/17/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	328
10/17/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	320
10/17/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	332
10/17/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	327
10/17/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	334
10/17/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	337
10/17/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	343
10/17/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	348
10/17/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	347
10/17/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	350
10/17/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	349
10/17/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	349
10/17/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	347
10/17/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	343
10/17/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	348
10/17/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	351
10/17/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	348
10/18/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	346

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											5.5	336

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/18/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	353
10/18/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	344
10/18/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	346
10/18/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	344
10/18/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	349
10/18/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	349
10/18/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	352
10/18/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	350
10/18/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	348
10/18/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	351
10/18/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	346
10/18/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	342
10/18/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	348
10/18/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	343
10/18/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	341
10/18/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	344
10/18/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	346
10/18/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	345
10/18/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	352
10/18/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	178
10/18/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	355
10/18/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	354
10/18/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	353
10/18/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	350
10/18/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	350
10/18/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	350
10/18/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	353
10/18/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	294
10/18/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	178
10/18/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	239
10/18/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	123
10/18/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	9
10/18/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	5
10/18/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	236
10/18/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	343
10/18/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	294
10/18/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	295
10/18/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	4
10/18/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	122
10/18/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	10
10/18/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	240
10/18/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	299
10/18/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	62
10/18/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	239
10/18/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	179
10/18/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	4
10/18/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	3
10/19/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	8

## Daily Processed Summary (Average, Maximum)

Average											4.9	343
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/19/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	14
10/19/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	24
10/19/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	30
10/19/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	31
10/19/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	22
10/19/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	14
10/19/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	67
10/19/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	182
10/19/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	28
10/19/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	29
10/19/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	36
10/19/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	34
10/19/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	41
10/19/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	48
10/19/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	46
10/19/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	33
10/19/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	32
10/19/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	28
10/19/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	33
10/19/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	39
10/19/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	44
10/19/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	37
10/19/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	43
10/19/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	32
10/19/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	52
10/19/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	61
10/19/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	59
10/19/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	37
10/19/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	66
10/19/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	102
10/19/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	195
10/19/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	94
10/19/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	92
10/19/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	263
10/19/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	109
10/19/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	89
10/19/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.3	283
10/19/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.7	259
10/19/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	352
10/19/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	342
10/19/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	342
10/19/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	343
10/19/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	339
10/19/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	346
10/19/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	346
10/19/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	346
10/19/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	347
10/20/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											4.0	28

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/20/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	349
10/20/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	350
10/20/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	345
10/20/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	339
10/20/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	340
10/20/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	317
10/20/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	338
10/20/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	329
10/20/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	332
10/20/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	328
10/20/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	344
10/20/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	342
10/20/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	343
10/20/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	344
10/20/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	349
10/20/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	348
10/20/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	346
10/20/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	351
10/20/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	347
10/20/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	343
10/20/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	343
10/20/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	350
10/20/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	345
10/20/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	347
10/20/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	352
10/20/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	332
10/20/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	345
10/20/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	341
10/20/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	338
10/20/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	337
10/20/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	345
10/20/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	346
10/20/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	346
10/20/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	345
10/20/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	343
10/20/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	342
10/20/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	344
10/20/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	349
10/20/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	348
10/20/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	344
10/20/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	341
10/20/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	346
10/20/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	349
10/20/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	354
10/20/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	352
10/20/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	350
10/20/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	352
10/21/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	348

## Daily Processed Summary (Average, Maximum)

Average											6.8	345
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/21/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	349
10/21/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	347
10/21/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	352
10/21/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	349
10/21/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	351
10/21/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	350
10/21/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	348
10/21/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	346
10/21/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	338
10/21/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	338
10/21/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	341
10/21/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	179
10/21/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	63
10/21/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	121
10/21/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	64
10/21/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	63
10/21/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	18
10/21/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	24
10/21/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	28
10/21/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	21
10/21/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	22
10/21/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	26
10/21/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	30
10/21/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	22
10/21/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	25
10/21/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	21
10/21/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	124
10/21/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	26
10/21/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	242
10/21/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	70
10/21/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	11
10/21/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	179
10/21/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	349
10/21/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	346
10/21/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	347
10/21/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	340
10/21/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	338
10/21/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	343
10/21/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	349
10/21/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	73
10/21/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	28
10/21/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	32
10/21/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	21
10/21/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	20
10/21/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	19
10/21/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	21
10/21/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	124
10/22/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	23

## Daily Processed Summary (Average, Maximum)

Average											4.9	18
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/22/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	68
10/22/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	16
10/22/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	18
10/22/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	24
10/22/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.4	16
10/22/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.6	10
10/22/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	12
10/22/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.2	64
10/22/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.3	2
10/22/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.6	2
10/22/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.3	3
10/22/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	7
10/22/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.3	239
10/22/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.4	120
10/22/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	8
10/22/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.1	180
10/22/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	239
10/22/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	296
10/22/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.1	350
10/22/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	351
10/22/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	349
10/22/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	347
10/22/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	350
10/22/18 12:00 PM	11451	287	1.51	ND	ND	ND	ND	ND	ND	ND	6.6	342
10/22/18 12:30 PM	11631	286	1.49	ND	ND	ND	ND	ND	ND	ND	7.0	345
10/22/18 01:00 PM	11659	286	1.48	ND	ND	ND	ND	ND	ND	ND	7.3	348
10/22/18 01:30 PM	11709	285	1.47	ND	ND	ND	ND	ND	ND	ND	7.2	348
10/22/18 02:00 PM	11669	284	1.46	ND	ND	ND	ND	ND	ND	0.00500	6.8	347
10/22/18 02:30 PM	11687	284	1.45	ND	ND	ND	ND	ND	ND	0.00611	8.0	348
10/22/18 03:00 PM	11666	285	1.44	ND	ND	ND	ND	ND	ND	0.00751	6.7	343
10/22/18 03:30 PM	11128	281	1.41	ND	ND	ND	ND	ND	ND	ND	5.6	340
10/22/18 04:00 PM	10172	274	1.35	ND	ND	ND	ND	ND	ND	ND	4.8	334
10/22/18 04:30 PM	10733	277	1.40	ND	ND	ND	ND	ND	ND	0.00982	5.3	339
10/22/18 05:00 PM	11197	281	1.43	ND	ND	ND	ND	ND	ND	ND	4.5	342
10/22/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	345
10/22/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	219
10/22/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	344
10/22/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	347
10/22/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	347
10/22/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	347
10/22/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	237
10/22/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	298
10/22/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	10
10/22/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	26
10/22/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	38
10/22/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	288
10/22/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	347
10/23/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	341

## Daily Processed Summary (Average, Maximum)

Average	11337	283	1.44	BDL	BDL	BDL	BDL	BDL	BDL	0.00059	4.8	351
Maximum Value	11709	287	1.51	BDL	BDL	BDL	BDL	BDL	BDL	0.00982		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/23/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	343
10/23/18 01:00 AM	14451	351	2.39	ND	ND	ND	ND	ND	ND	0.00339	6.7	348
10/23/18 01:30 AM	14244	352	2.43	ND	ND	ND	ND	ND	ND	ND	6.2	345
10/23/18 02:00 AM	13650	352	2.38	ND	ND	ND	ND	ND	ND	ND	3.6	331
10/23/18 02:30 AM	13525	351	2.35	ND	ND	ND	ND	ND	ND	0.00317	5.1	342
10/23/18 03:00 AM	12977	352	2.30	ND	ND	ND	ND	ND	ND	ND	4.3	330
10/23/18 03:30 AM	12648	351	2.29	ND	ND	ND	ND	ND	ND	ND	4.7	330
10/23/18 04:00 AM	13201	349	2.27	ND	ND	ND	ND	ND	ND	ND	6.6	338
10/23/18 04:30 AM	13192	350	2.26	ND	ND	ND	ND	ND	ND	ND	7.6	342
10/23/18 05:00 AM	12162	350	2.25	ND	ND	ND	ND	ND	ND	ND	6.1	340
10/23/18 05:30 AM	11785	350	2.25	ND	ND	ND	ND	ND	ND	ND	8.2	341
10/23/18 06:00 AM	10788	239	1.98	ND	ND	ND	ND	ND	ND	ND	6.7	337
10/23/18 06:30 AM	10604	227	1.94	ND	ND	ND	ND	ND	ND	ND	5.1	328
10/23/18 07:00 AM	11430	268	2.08	ND	ND	ND	ND	ND	ND	ND	7.1	340
10/23/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.7	337
10/23/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	348
10/23/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.2	343
10/23/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	344
10/23/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.0	348
10/23/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.8	344
10/23/18 10:30 AM	11179	238	1.95	ND	ND	ND	ND	ND	ND	ND	9.9	355
10/23/18 11:00 AM	12308	284	2.16	ND	ND	ND	ND	ND	ND	ND	9.2	351
10/23/18 11:30 AM	12835	313	2.23	ND	ND	ND	ND	ND	ND	ND	10.4	180
10/23/18 12:00 PM	13453	341	2.29	ND	ND	ND	ND	ND	ND	ND	10.0	5
10/23/18 12:30 PM	13650	345	2.28	ND	ND	ND	ND	ND	ND	ND	8.8	68
10/23/18 01:00 PM	13728	351	2.28	ND	ND	ND	ND	ND	ND	ND	10.5	295
10/23/18 01:30 PM	13839	352	2.26	ND	ND	ND	ND	ND	ND	ND	8.4	346
10/23/18 02:00 PM	13688	350	2.24	0.00446	ND	ND	ND	ND	ND	ND	8.0	348
10/23/18 02:30 PM	13685	351	2.24	ND	ND	ND	ND	ND	ND	ND	9.0	351
10/23/18 03:00 PM	13850	348	2.23	ND	ND	ND	ND	ND	ND	ND	6.8	346
10/23/18 03:30 PM	14042	348	2.23	ND	ND	ND	ND	ND	ND	0.00758	9.4	352
10/23/18 04:00 PM	14156	346	2.22	ND	ND	ND	ND	ND	ND	ND	8.3	351
10/23/18 04:30 PM	14316	347	2.23	ND	ND	ND	ND	ND	ND	ND	6.2	347
10/23/18 05:00 PM	14564	346	2.25	ND	ND	ND	ND	ND	ND	0.00320	6.2	344
10/23/18 05:30 PM	14555	346	2.24	ND	ND	ND	ND	ND	ND	ND	5.3	341
10/23/18 06:00 PM	14619	348	2.25	ND	ND	ND	ND	ND	ND	ND	5.7	342
10/23/18 06:30 PM	14644	348	2.35	ND	ND	ND	ND	ND	ND	ND	6.8	348
10/23/18 07:00 PM	14503	349	2.36	ND	ND	ND	ND	ND	ND	ND	7.6	349
10/23/18 07:30 PM	14367	350	2.36	ND	ND	ND	ND	ND	ND	ND	8.8	354
10/23/18 08:00 PM	14536	350	2.28	ND	ND	ND	ND	ND	ND	ND	8.5	298
10/23/18 08:30 PM	14612	349	2.28	ND	ND	ND	ND	ND	ND	ND	7.8	353
10/23/18 09:00 PM	14525	349	2.29	ND	ND	ND	ND	ND	ND	ND	7.5	352
10/23/18 09:30 PM	14504	351	2.30	ND	ND	ND	ND	ND	ND	ND	6.9	348
10/23/18 10:00 PM	14346	351	2.30	ND	ND	ND	ND	ND	ND	ND	7.3	351
10/23/18 10:30 PM	14236	352	2.30	ND	ND	ND	ND	ND	ND	0.00401	7.9	355
10/23/18 11:00 PM	14216	352	2.31	ND	ND	ND	ND	ND	ND	ND	8.4	357
10/23/18 11:30 PM	14041	351	2.33	ND	ND	ND	ND	ND	ND	0.00314	8.4	121
10/24/18 12:00 AM	13963	351	2.34	ND	ND	ND	ND	ND	ND	ND	8.8	65

## Daily Processed Summary (Average, Maximum)

Average	13552	337	2.26	0.00009	BDL	BDL	BDL	BDL	BDL	0.00058	6.2	348
Maximum Value	14644	352	2.43	0.00446	BDL	BDL	BDL	BDL	BDL	0.00758		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/24/18 12:30 AM	13981	351	2.34	ND	ND	ND	ND	ND	ND	ND	9.2	17
10/24/18 01:00 AM	14076	355	2.37	ND	ND	ND	ND	ND	ND	ND	8.6	6
10/24/18 01:30 AM	14343	367	2.41	ND	ND	ND	ND	ND	ND	ND	8.6	64
10/24/18 02:00 AM	14412	358	2.39	ND	ND	ND	ND	ND	ND	ND	8.7	9
10/24/18 02:30 AM	14622	353	2.40	ND	ND	ND	ND	ND	ND	ND	8.4	8
10/24/18 03:00 AM	14872	356	2.43	ND	ND	ND	ND	ND	ND	ND	6.5	16
10/24/18 03:30 AM	15198	358	2.45	ND	ND	ND	ND	ND	ND	0.00370	5.8	30
10/24/18 04:00 AM	15788	357	2.46	ND	ND	ND	ND	ND	ND	ND	6.1	68
10/24/18 04:30 AM	15978	352	2.46	ND	ND	ND	ND	ND	ND	ND	6.1	12
10/24/18 05:00 AM	16411	352	2.46	ND	ND	ND	ND	ND	ND	ND	7.1	6
10/24/18 05:30 AM	16800	365	2.48	ND	ND	ND	ND	ND	ND	ND	7.6	241
10/24/18 06:00 AM	16958	362	2.44	ND	ND	ND	ND	ND	ND	ND	6.9	15
10/24/18 06:30 AM	17030	359	2.44	ND	ND	ND	ND	ND	ND	ND	6.1	18
10/24/18 07:00 AM	17427	366	2.45	ND	ND	ND	ND	ND	ND	ND	6.0	23
10/24/18 07:30 AM	17641	364	2.43	ND	ND	ND	ND	ND	ND	ND	5.2	300
10/24/18 08:00 AM	17773	362	2.41	ND	ND	ND	ND	ND	ND	0.00480	5.2	346
10/24/18 08:30 AM	17798	353	2.40	ND	ND	ND	ND	ND	ND	ND	5.5	349
10/24/18 09:00 AM	17860	350	2.40	ND	ND	ND	ND	ND	ND	ND	6.2	76
10/24/18 09:30 AM	18183	349	2.40	ND	ND	ND	ND	ND	ND	ND	6.6	29
10/24/18 10:00 AM	18683	352	2.41	ND	ND	ND	ND	ND	ND	ND	6.6	29
10/24/18 10:30 AM	18982	350	2.39	ND	ND	ND	ND	ND	ND	ND	6.4	32
10/24/18 11:00 AM	19346	347	2.38	ND	ND	ND	ND	ND	ND	ND	5.8	32
10/24/18 11:30 AM	19711	349	2.38	ND	ND	ND	ND	ND	ND	ND	6.4	32
10/24/18 12:00 PM	20033	347	2.37	ND	ND	ND	ND	ND	ND	ND	6.7	29
10/24/18 12:30 PM	20285	340	2.35	ND	ND	ND	ND	ND	ND	ND	5.2	24
10/24/18 01:00 PM	20719	339	2.33	ND	ND	ND	ND	ND	ND	ND	5.6	21
10/24/18 01:30 PM	21312	340	2.33	ND	ND	ND	ND	ND	ND	ND	6.5	124
10/24/18 02:00 PM	21514	339	2.32	ND	ND	ND	ND	ND	ND	ND	7.3	11
10/24/18 02:30 PM	21695	339	2.32	ND	ND	ND	ND	ND	ND	ND	6.8	25
10/24/18 03:00 PM	21710	338	2.35	ND	ND	0.00285	ND	ND	ND	ND	5.4	15
10/24/18 03:30 PM	21793	345	2.36	ND	ND	ND	ND	ND	ND	ND	3.9	294
10/24/18 04:00 PM	22036	343	2.34	ND	ND	ND	ND	ND	ND	ND	3.0	332
10/24/18 04:30 PM	22209	340	2.34	ND	ND	ND	ND	ND	ND	ND	2.6	338
10/24/18 05:00 PM	22267	335	2.33	ND	ND	ND	ND	ND	ND	ND	2.9	325
10/24/18 05:30 PM	22508	335	2.34	ND	ND	ND	ND	ND	ND	ND	3.7	293
10/24/18 06:00 PM	22416	332	2.35	ND	ND	ND	ND	ND	ND	ND	3.7	298
10/24/18 06:30 PM	22057	332	2.38	ND	ND	ND	ND	ND	ND	ND	2.7	319
10/24/18 07:00 PM	20616	293	2.36	ND	ND	ND	ND	ND	ND	ND	2.8	328
10/24/18 07:30 PM	19795	261	2.15	ND	ND	ND	ND	ND	ND	ND	3.4	340
10/24/18 08:00 PM	21034	307	2.26	ND	ND	ND	ND	ND	ND	ND	4.2	347
10/24/18 08:30 PM	21322	328	2.36	ND	ND	ND	ND	ND	ND	ND	3.4	334
10/24/18 09:00 PM	21099	321	2.34	ND	ND	ND	ND	ND	ND	ND	3.8	284
10/24/18 09:30 PM	20236	293	2.27	ND	ND	ND	ND	ND	ND	ND	2.2	284
10/24/18 10:00 PM	18817	242	2.25	ND	ND	ND	ND	ND	ND	ND	3.1	265
10/24/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	275
10/24/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	298
10/24/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.0	296
10/25/18 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.9	304

## Daily Processed Summary (Average, Maximum)

Average	18849	340	2.37	BDL	BDL	0.00006	BDL	BDL	BDL	0.00018	3.9	5
Maximum Value	22508	367	2.48	BDL	BDL	0.00285	BDL	BDL	BDL	0.00480		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/25/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	306
10/25/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.8	311
10/25/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2	316
10/25/18 02:00 AM	16827	207	1.97	ND	ND	ND	ND	ND	ND	ND	3.0	307
10/25/18 02:30 AM	18771	270	2.42	ND	ND	ND	ND	ND	ND	ND	3.2	312
10/25/18 03:00 AM	18235	250	2.60	ND	ND	ND	ND	ND	ND	ND	3.5	307
10/25/18 03:30 AM	18946	280	2.76	ND	ND	ND	ND	ND	ND	ND	4.9	305
10/25/18 04:00 AM	19544	308	2.38	ND	ND	ND	ND	ND	ND	ND	4.3	309
10/25/18 04:30 AM	18528	279	2.26	ND	ND	ND	ND	ND	ND	ND	4.4	297
10/25/18 05:00 AM	17390	247	2.10	ND	ND	ND	ND	ND	ND	ND	4.3	287
10/25/18 05:30 AM	15785	215	1.94	ND	ND	ND	ND	ND	ND	ND	5.1	291
10/25/18 06:00 AM	18598	326	2.37	ND	ND	ND	ND	ND	ND	ND	5.9	301
10/25/18 06:30 AM	18532	334	2.36	ND	ND	ND	0.00107	ND	ND	ND	5.4	302
10/25/18 07:00 AM	18261	346	2.39	ND	ND	ND	ND	ND	ND	ND	5.5	291
10/25/18 07:30 AM	18165	348	2.39	ND	ND	ND	ND	ND	ND	ND	6.8	297
10/25/18 08:00 AM	18196	347	2.39	ND	ND	ND	ND	ND	ND	ND	6.9	305
10/25/18 08:30 AM	18020	345	2.40	ND	ND	ND	ND	ND	ND	ND	6.9	304
10/25/18 09:00 AM	17847	344	2.39	ND	ND	ND	ND	ND	ND	ND	6.7	307
10/25/18 09:30 AM	17777	345	2.39	ND	ND	ND	ND	ND	ND	ND	8.7	308
10/25/18 10:00 AM	17531	346	2.41	ND	ND	ND	ND	ND	ND	ND	8.5	312
10/25/18 10:30 AM	16984	345	2.39	ND	ND	ND	ND	ND	ND	ND	6.1	314
10/25/18 11:00 AM	16536	347	2.37	ND	ND	ND	ND	ND	ND	ND	5.1	315
10/25/18 11:30 AM	16566	349	2.40	ND	ND	ND	ND	ND	ND	ND	6.1	314
10/25/18 12:00 PM	16644	350	2.40	ND	ND	ND	ND	ND	ND	ND	6.9	311
10/25/18 12:30 PM	16657	349	2.38	ND	ND	ND	ND	ND	ND	ND	7.4	313
10/25/18 01:00 PM	16055	346	2.36	ND	ND	ND	ND	ND	ND	ND	7.8	300
10/25/18 01:30 PM	15558	347	2.36	ND	ND	ND	ND	ND	ND	ND	7.2	310
10/25/18 02:00 PM	14889	350	2.32	ND	ND	ND	ND	ND	ND	ND	7.2	306
10/25/18 02:30 PM	14627	348	2.31	ND	ND	ND	ND	ND	ND	ND	6.9	298
10/25/18 03:00 PM	14460	347	2.32	ND	ND	ND	ND	ND	ND	ND	6.4	291
10/25/18 03:30 PM	14426	348	2.33	ND	ND	ND	ND	ND	ND	ND	6.9	300
10/25/18 04:00 PM	14432	348	2.32	ND	ND	ND	ND	ND	ND	ND	6.5	300
10/25/18 04:30 PM	14631	348	2.32	ND	ND	ND	ND	ND	ND	ND	6.7	297
10/25/18 05:00 PM	14565	350	2.32	ND	ND	ND	ND	ND	ND	ND	6.4	306
10/25/18 05:30 PM	14459	347	2.33	ND	ND	ND	ND	ND	ND	ND	4.3	310
10/25/18 06:00 PM	14423	349	2.33	ND	ND	ND	ND	ND	ND	ND	2.9	323
10/25/18 06:30 PM	14517	348	2.32	ND	ND	ND	ND	ND	ND	ND	3.8	313
10/25/18 07:00 PM	14725	348	2.35	ND	ND	ND	ND	ND	ND	ND	5.5	306
10/25/18 07:30 PM	14794	350	2.40	ND	ND	ND	ND	ND	ND	ND	3.0	312
10/25/18 08:00 PM	14736	349	2.35	ND	ND	ND	ND	ND	ND	ND	2.1	312
10/25/18 08:30 PM	14793	349	2.34	ND	ND	ND	ND	ND	ND	ND	1.8	331
10/25/18 09:00 PM	14730	350	2.40	ND	ND	ND	ND	ND	ND	ND	1.7	308
10/25/18 09:30 PM	14663	350	2.60	ND	ND	ND	ND	ND	ND	ND	0.9	286
10/25/18 10:00 PM	14666	350	2.61	ND	ND	ND	ND	ND	ND	ND	1.8	329
10/25/18 10:30 PM	14520	351	2.56	ND	ND	ND	ND	ND	ND	ND	2.7	333
10/25/18 11:00 PM	13984	351	2.72	ND	ND	ND	ND	ND	ND	0.00969	2.8	288
10/25/18 11:30 PM	13485	351	2.49	ND	ND	ND	ND	ND	ND	ND	2.3	287
10/26/18 12:00 AM	13458	351	2.46	ND	ND	ND	ND	ND	ND	ND	1.2	187

## Daily Processed Summary (Average, Maximum)

Average	16132	331	2.38	BDL	BDL	BDL	0.00002	BDL	BDL	0.00020	4.8	305
Maximum Value	19544	351	2.76	BDL	BDL	BDL	0.00107	BDL	BDL	0.00969		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/26/18 12:30 AM	13416	351	2.44	ND	ND	ND	ND	ND	ND	ND	1.2	190
10/26/18 01:00 AM	13639	352	2.43	ND	ND	ND	ND	ND	ND	ND	1.0	180
10/26/18 01:30 AM	13644	349	2.39	ND	ND	ND	ND	ND	ND	ND	0.9	170
10/26/18 02:00 AM	13639	350	2.43	ND	ND	ND	ND	ND	ND	ND	1.1	167
10/26/18 02:30 AM	13655	351	2.44	ND	ND	ND	ND	ND	ND	ND	1.7	221
10/26/18 03:00 AM	13779	353	2.43	ND	ND	ND	ND	ND	ND	ND	2.3	237
10/26/18 03:30 AM	14838	356	2.51	ND	ND	ND	ND	ND	ND	0.00296	2.6	264
10/26/18 04:00 AM	14628	356	2.45	ND	ND	ND	ND	ND	ND	ND	3.0	289
10/26/18 04:30 AM	14549	353	2.47	ND	ND	ND	ND	ND	ND	ND	2.1	277
10/26/18 05:00 AM	14681	354	2.61	ND	ND	ND	ND	ND	ND	ND	2.7	297
10/26/18 05:30 AM	14503	354	2.67	ND	ND	ND	ND	ND	ND	ND	1.7	320
10/26/18 06:00 AM	14462	354	2.91	ND	ND	ND	ND	ND	ND	ND	1.4	294
10/26/18 06:30 AM	14485	355	3.07	ND	ND	ND	ND	ND	ND	ND	1.9	271
10/26/18 07:00 AM	14332	357	3.01	ND	ND	ND	ND	ND	ND	ND	2.1	297
10/26/18 07:30 AM	14485	358	2.76	ND	ND	ND	ND	ND	ND	ND	2.4	309
10/26/18 08:00 AM	14629	358	2.60	ND	ND	ND	ND	ND	ND	ND	2.5	303
10/26/18 08:30 AM	14659	358	2.58	ND	ND	ND	ND	ND	ND	ND	2.9	279
10/26/18 09:00 AM	14510	359	2.57	ND	ND	ND	ND	ND	ND	ND	3.2	282
10/26/18 09:30 AM	14577	360	2.53	ND	ND	ND	ND	ND	ND	ND	3.6	272
10/26/18 10:00 AM	15038	359	2.54	ND	ND	ND	ND	ND	ND	ND	4.0	284
10/26/18 10:30 AM	15399	355	2.54	ND	ND	ND	ND	ND	ND	ND	3.5	277
10/26/18 11:00 AM	15029	354	2.44	ND	ND	ND	ND	ND	ND	ND	3.4	237
10/26/18 11:30 AM	13466	350	2.32	ND	ND	ND	ND	ND	ND	ND	3.3	256
10/26/18 12:00 PM	13405	349	2.34	ND	ND	ND	ND	ND	ND	ND	3.4	265
10/26/18 12:30 PM	13821	349	2.34	ND	ND	ND	ND	ND	ND	ND	2.6	275
10/26/18 01:00 PM	13639	347	2.32	ND	ND	ND	ND	ND	ND	ND	3.4	249
10/26/18 01:30 PM	13746	346	2.31	ND	ND	ND	ND	ND	ND	ND	3.5	230
10/26/18 02:00 PM	14046	345	2.31	ND	ND	ND	ND	ND	ND	ND	3.7	257
10/26/18 02:30 PM	14428	347	2.30	ND	ND	ND	ND	ND	ND	ND	3.3	259
10/26/18 03:00 PM	15051	345	2.31	ND	ND	ND	ND	ND	ND	ND	2.5	253
10/26/18 03:30 PM	15463	343	2.32	ND	ND	ND	ND	ND	ND	ND	2.2	271
10/26/18 04:00 PM	15624	341	2.31	ND	ND	ND	ND	ND	ND	ND	2.5	246
10/26/18 04:30 PM	15777	342	2.31	ND	ND	ND	ND	ND	ND	ND	1.8	239
10/26/18 05:00 PM	15852	342	2.30	ND	ND	ND	ND	ND	ND	ND	0.8	235
10/26/18 05:30 PM	16357	341	2.30	ND	ND	ND	ND	ND	ND	ND	0.6	233
10/26/18 06:00 PM	16375	340	2.31	ND	ND	ND	ND	ND	ND	ND	0.6	174
10/26/18 06:30 PM	16780	340	2.37	ND	ND	ND	ND	ND	ND	ND	1.8	143
10/26/18 07:00 PM	17425	344	2.37	ND	ND	ND	ND	ND	ND	ND	2.3	145
10/26/18 07:30 PM	17523	345	2.40	ND	ND	ND	ND	ND	ND	ND	2.5	160
10/26/18 08:00 PM	17230	346	2.40	ND	ND	ND	ND	ND	ND	0.00397	2.5	144
10/26/18 08:30 PM	18147	344	2.45	ND	ND	ND	ND	ND	ND	ND	2.5	154
10/26/18 09:00 PM	18416	346	2.60	ND	ND	ND	ND	ND	ND	ND	2.5	157
10/26/18 09:30 PM	18219	348	2.58	ND	ND	ND	ND	ND	ND	ND	1.5	166
10/26/18 10:00 PM	18094	348	2.55	ND	ND	ND	ND	ND	ND	ND	1.1	184
10/26/18 10:30 PM	18356	346	2.51	ND	ND	ND	ND	ND	ND	ND	1.3	185
10/26/18 11:00 PM	18650	348	2.50	ND	ND	ND	ND	ND	ND	ND	1.0	200
10/26/18 11:30 PM	18832	350	2.50	ND	ND	ND	ND	ND	ND	ND	1.1	176
10/27/18 12:00 AM	18933	351	2.50	ND	ND	ND	0.00154	ND	ND	ND	0.9	215

## Daily Processed Summary (Average, Maximum)

Average	15421	350	2.48	BDL	BDL	BDL	BDL	BDL	BDL	0.00003	BDL	1.5	249
Maximum Value	18933	360	3.07	BDL	BDL	BDL	BDL	BDL	BDL	0.00154	BDL	0.00397	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestampt	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/27/18 12:30 AM	18735	352	2.56	ND	ND	ND	0.00080	ND	ND	ND	1.5	192
10/27/18 01:00 AM	18401	354	2.61	ND	ND	ND	ND	ND	ND	ND	1.9	224
10/27/18 01:30 AM	17874	351	2.54	ND	ND	ND	ND	ND	ND	ND	1.4	229
10/27/18 02:00 AM	17518	350	2.52	ND	ND	ND	ND	ND	ND	0.00403	1.2	232
10/27/18 02:30 AM	17457	348	2.54	ND	ND	ND	ND	ND	ND	ND	1.7	231
10/27/18 03:00 AM	17453	352	2.58	ND	ND	ND	ND	ND	ND	ND	2.3	241
10/27/18 03:30 AM	17323	352	2.64	ND	ND	ND	ND	ND	ND	ND	3.5	234
10/27/18 04:00 AM	17347	351	2.64	ND	ND	ND	ND	ND	ND	ND	2.9	234
10/27/18 04:30 AM	17232	350	2.58	ND	ND	ND	ND	ND	ND	ND	2.7	240
10/27/18 05:00 AM	16982	352	2.54	ND	ND	ND	ND	ND	ND	ND	2.6	243
10/27/18 05:30 AM	16403	354	2.54	ND	ND	ND	ND	ND	ND	ND	2.1	254
10/27/18 06:00 AM	16446	353	2.52	ND	ND	ND	ND	ND	ND	ND	2.9	253
10/27/18 06:30 AM	17305	355	2.66	ND	ND	ND	ND	ND	ND	0.00847	2.4	265
10/27/18 07:00 AM	17670	353	2.88	ND	ND	ND	ND	ND	ND	ND	2.4	273
10/27/18 07:30 AM	17513	354	2.83	ND	ND	ND	ND	ND	ND	ND	2.1	251
10/27/18 08:00 AM	16407	295	2.63	ND	ND	ND	ND	ND	ND	ND	2.3	247
10/27/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	236
10/27/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	231
10/27/18 09:30 AM	17523	363	2.79	ND	ND	ND	ND	ND	ND	ND	2.8	230
10/27/18 10:00 AM	17699	361	2.76	ND	ND	ND	ND	ND	ND	ND	3.1	230
10/27/18 10:30 AM	18108	359	2.85	ND	ND	ND	ND	ND	ND	ND	3.3	242
10/27/18 11:00 AM	18623	354	2.83	ND	ND	ND	ND	ND	ND	ND	3.3	258
10/27/18 11:30 AM	18775	347	2.61	ND	ND	ND	ND	ND	ND	ND	3.5	264
10/27/18 12:00 PM	18694	346	2.52	ND	ND	ND	ND	ND	ND	ND	3.7	268
10/27/18 12:30 PM	18588	342	2.46	ND	ND	ND	ND	ND	ND	ND	3.8	255
10/27/18 01:00 PM	18070	341	2.43	ND	ND	ND	ND	ND	ND	ND	3.8	248
10/27/18 01:30 PM	16685	345	2.38	ND	ND	ND	ND	ND	ND	ND	3.8	246
10/27/18 02:00 PM	15142	345	2.31	ND	ND	ND	ND	ND	ND	ND	3.4	254
10/27/18 02:30 PM	14485	344	2.28	ND	ND	ND	ND	ND	ND	ND	2.9	236
10/27/18 03:00 PM	14547	345	2.29	ND	ND	ND	ND	ND	ND	0.00446	3.7	178
10/27/18 03:30 PM	14485	346	2.26	ND	ND	ND	ND	ND	ND	ND	4.6	171
10/27/18 04:00 PM	14683	349	2.26	ND	ND	ND	ND	ND	ND	ND	6.9	119
10/27/18 04:30 PM	14645	349	2.26	ND	ND	ND	ND	ND	ND	ND	6.6	121
10/27/18 05:00 PM	17006	347	2.34	ND	ND	ND	ND	ND	ND	ND	5.1	138
10/27/18 05:30 PM	17900	348	2.35	ND	ND	ND	ND	ND	ND	ND	4.8	171
10/27/18 06:00 PM	18918	346	2.37	ND	ND	ND	ND	ND	ND	ND	4.4	171
10/27/18 06:30 PM	15865	348	2.30	ND	ND	ND	ND	ND	ND	ND	3.6	168
10/27/18 07:00 PM	16778	349	2.37	ND	ND	ND	ND	ND	ND	ND	3.2	169
10/27/18 07:30 PM	17701	348	2.45	ND	ND	ND	ND	ND	ND	ND	3.4	169
10/27/18 08:00 PM	18407	346	2.52	ND	ND	ND	ND	ND	ND	ND	4.1	167
10/27/18 08:30 PM	18783	346	2.50	ND	ND	ND	ND	ND	ND	ND	4.5	169
10/27/18 09:00 PM	18975	346	2.53	ND	ND	ND	ND	ND	ND	ND	5.1	173
10/27/18 09:30 PM	19095	345	2.51	ND	ND	ND	ND	ND	ND	ND	5.2	172
10/27/18 10:00 PM	19336	344	2.50	ND	ND	ND	ND	ND	ND	ND	5.1	170
10/27/18 10:30 PM	19462	347	2.54	ND	ND	ND	ND	ND	ND	ND	4.1	169
10/27/18 11:00 PM	19642	345	2.51	ND	ND	ND	ND	ND	ND	ND	3.6	173
10/27/18 11:30 PM	19535	340	2.46	ND	ND	ND	ND	ND	ND	ND	3.6	171
10/28/18 12:00 AM	19569	339	2.45	ND	ND	ND	ND	ND	ND	ND	3.1	172

## Daily Processed Summary (Average, Maximum)

Average	17517	348	2.52	BDL	BDL	BDL	0.00002	BDL	BDL	0.00035	2.4	202
Maximum Value	19642	363	2.88	BDL	BDL	BDL	0.00080	BDL	BDL	0.00847		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/28/18 12:30 AM	19698	340	2.43	ND	ND	ND	ND	ND	ND	ND	2.8	178
10/28/18 01:00 AM	19721	337	2.43	ND	ND	ND	ND	ND	ND	ND	3.1	183
10/28/18 01:30 AM	19857	340	2.42	ND	ND	ND	ND	ND	ND	ND	2.6	184
10/28/18 02:00 AM	20046	338	2.38	ND	ND	ND	ND	ND	ND	ND	2.5	184
10/28/18 02:30 AM	20223	340	2.38	ND	ND	ND	ND	ND	ND	ND	3.3	179
10/28/18 03:00 AM	20304	342	2.41	ND	ND	ND	ND	ND	ND	ND	3.1	182
10/28/18 03:30 AM	20337	340	2.40	ND	ND	ND	ND	ND	ND	ND	2.9	179
10/28/18 04:00 AM	20370	338	2.41	ND	ND	ND	ND	ND	ND	ND	3.0	179
10/28/18 04:30 AM	20447	342	2.41	ND	ND	ND	ND	ND	ND	ND	1.9	192
10/28/18 05:00 AM	20423	341	2.41	ND	ND	ND	ND	ND	ND	ND	2.0	180
10/28/18 05:30 AM	20419	345	2.43	ND	ND	ND	ND	ND	ND	0.00455	2.1	183
10/28/18 06:00 AM	20307	345	2.44	ND	ND	ND	ND	ND	ND	ND	2.0	192
10/28/18 06:30 AM	20264	346	2.45	ND	ND	ND	ND	ND	ND	ND	1.4	200
10/28/18 07:00 AM	19222	299	2.30	ND	ND	ND	ND	ND	ND	ND	1.5	215
10/28/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2	243
10/28/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	261
10/28/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	262
10/28/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	275
10/28/18 09:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.7	272
10/28/18 10:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	260
10/28/18 10:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	250
10/28/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	248
10/28/18 11:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	226
10/28/18 12:00 PM	21542	344	2.49	ND	ND	ND	ND	ND	ND	ND	5.6	187
10/28/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	184
10/28/18 01:00 PM	20659	344	2.30	ND	ND	ND	ND	ND	ND	ND	7.4	185
10/28/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	182
10/28/18 02:00 PM	19298	346	2.21	ND	ND	ND	ND	ND	ND	ND	6.6	171
10/28/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	175
10/28/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	180
10/28/18 03:30 PM	19175	347	2.22	ND	ND	ND	ND	ND	ND	ND	6.8	180
10/28/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	178
10/28/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	183
10/28/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	180
10/28/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	172
10/28/18 06:00 PM	19196	351	2.22	ND	ND	ND	ND	ND	ND	ND	3.9	167
10/28/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	162
10/28/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	151
10/28/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	138
10/28/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	131
10/28/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	125
10/28/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.5	118
10/28/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	115
10/28/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	114
10/28/18 10:30 PM	22887	423	2.45	ND	ND	ND	ND	ND	ND	ND	3.7	109
10/28/18 11:00 PM	22916	423	2.45	ND	ND	ND	ND	ND	ND	ND	3.0	103
10/28/18 11:30 PM	22997	422	2.43	ND	ND	ND	ND	ND	ND	ND	3.8	110
10/29/18 12:00 AM	23259	423	2.46	ND	ND	ND	ND	ND	ND	0.00322	3.8	115

## Daily Processed Summary (Average, Maximum)

Average	20590	355	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	179
Maximum Value	23259	423	2.49	BDL	BDL	BDL	BDL	BDL	BDL	0.00455		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/29/18 12:30 AM	23384	421	2.46	ND	ND	ND	ND	ND	ND	ND	3.9	129
10/29/18 01:00 AM	23614	422	2.46	ND	ND	ND	ND	ND	ND	ND	4.3	133
10/29/18 01:30 AM	23668	424	2.44	ND	ND	ND	ND	ND	ND	ND	4.1	140
10/29/18 02:00 AM	23723	422	2.46	ND	ND	ND	ND	ND	ND	ND	4.1	148
10/29/18 02:30 AM	23595	424	2.45	ND	ND	ND	ND	ND	ND	ND	3.7	155
10/29/18 03:00 AM	23384	428	2.47	ND	ND	ND	ND	ND	ND	ND	2.7	159
10/29/18 03:30 AM	23163	425	2.51	ND	ND	ND	ND	ND	ND	ND	2.5	164
10/29/18 04:00 AM	23142	424	2.54	ND	ND	ND	ND	ND	ND	ND	2.7	168
10/29/18 04:30 AM	22991	425	2.60	ND	ND	ND	ND	ND	ND	ND	3.0	169
10/29/18 05:00 AM	23078	428	2.54	ND	ND	ND	ND	ND	ND	ND	2.9	172
10/29/18 05:30 AM	23008	426	2.52	ND	ND	ND	ND	ND	ND	ND	2.7	174
10/29/18 06:00 AM	22935	428	2.46	ND	ND	ND	ND	ND	ND	ND	2.5	171
10/29/18 06:30 AM	23054	427	2.47	ND	ND	ND	ND	ND	ND	ND	2.8	163
10/29/18 07:00 AM	23117	428	2.51	ND	ND	ND	ND	ND	ND	ND	2.5	153
10/29/18 07:30 AM	22950	428	2.53	ND	ND	ND	ND	ND	ND	ND	2.5	150
10/29/18 08:00 AM	22527	432	2.53	ND	ND	ND	ND	ND	ND	ND	3.1	160
10/29/18 08:30 AM	22544	433	2.54	ND	ND	ND	ND	ND	ND	ND	4.0	169
10/29/18 09:00 AM	22773	427	2.50	ND	ND	ND	ND	ND	ND	ND	5.7	161
10/29/18 09:30 AM	22539	427	2.47	ND	ND	ND	ND	ND	ND	ND	5.2	161
10/29/18 10:00 AM	22114	426	2.45	ND	ND	ND	ND	ND	ND	ND	5.8	159
10/29/18 10:30 AM	22401	422	2.46	ND	ND	ND	ND	ND	ND	ND	6.4	175
10/29/18 11:00 AM	21871	418	2.40	ND	ND	ND	ND	ND	ND	ND	6.7	169
10/29/18 11:30 AM	20835	420	2.33	ND	ND	ND	ND	ND	ND	ND	7.0	169
10/29/18 12:00 PM	19912	422	2.31	ND	ND	ND	ND	ND	ND	ND	6.7	164
10/29/18 12:30 PM	19288	422	2.30	ND	ND	ND	ND	ND	ND	ND	6.5	157
10/29/18 01:00 PM	19183	422	2.30	ND	ND	ND	ND	ND	ND	0.00278	7.1	164
10/29/18 01:30 PM	19030	425	2.29	ND	ND	ND	ND	ND	ND	ND	6.8	170
10/29/18 02:00 PM	19232	426	2.34	ND	ND	ND	ND	ND	ND	ND	8.0	146
10/29/18 02:30 PM	19359	426	2.30	ND	ND	ND	ND	ND	ND	ND	7.5	162
10/29/18 03:00 PM	19487	427	2.31	ND	ND	ND	ND	ND	ND	ND	7.0	172
10/29/18 03:30 PM	19912	426	2.31	ND	ND	ND	ND	ND	ND	ND	7.0	163
10/29/18 04:00 PM	20140	426	2.32	ND	ND	ND	ND	ND	ND	ND	6.0	158
10/29/18 04:30 PM	20139	427	2.33	ND	ND	ND	ND	ND	ND	ND	5.7	153
10/29/18 05:00 PM	20431	429	2.34	ND	ND	ND	ND	ND	ND	ND	4.9	146
10/29/18 05:30 PM	20842	429	2.34	ND	ND	ND	ND	ND	ND	ND	5.1	133
10/29/18 06:00 PM	21074	426	2.35	ND	ND	ND	ND	ND	ND	ND	4.8	131
10/29/18 06:30 PM	21385	426	2.36	ND	ND	ND	ND	ND	ND	ND	4.6	132
10/29/18 07:00 PM	22293	426	2.40	ND	ND	ND	ND	ND	ND	ND	5.0	132
10/29/18 07:30 PM	22859	425	2.43	ND	ND	ND	ND	ND	ND	ND	6.3	134
10/29/18 08:00 PM	23237	422	2.41	ND	ND	ND	ND	ND	ND	ND	6.2	133
10/29/18 08:30 PM	23526	423	2.41	ND	ND	ND	ND	ND	ND	ND	5.5	134
10/29/18 09:00 PM	23446	422	2.38	ND	ND	ND	ND	ND	ND	ND	5.4	135
10/29/18 09:30 PM	23424	424	2.37	ND	ND	ND	ND	ND	ND	ND	5.3	137
10/29/18 10:00 PM	23438	423	2.40	ND	ND	ND	ND	ND	ND	ND	5.0	137
10/29/18 10:30 PM	23246	419	2.42	ND	ND	ND	ND	ND	ND	ND	4.7	136
10/29/18 11:00 PM	22911	419	2.40	ND	ND	ND	ND	ND	ND	ND	4.3	134
10/29/18 11:30 PM	22974	421	2.40	ND	ND	ND	ND	ND	ND	ND	4.2	136
10/30/18 12:00 AM	23172	422	2.40	ND	ND	ND	ND	ND	ND	ND	4.2	136

## Daily Processed Summary (Average, Maximum)

Average	22091	425	2.42	BDL	BDL	BDL	BDL	BDL	BDL	0.00006	4.8	153
Maximum Value	23723	433	2.60	BDL	BDL	BDL	BDL	BDL	BDL	0.00278		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/30/18 12:30 AM	23264	423	2.41	ND	ND	ND	ND	ND	ND	ND	4.3	131
10/30/18 01:00 AM	23104	424	2.41	ND	ND	ND	ND	ND	ND	ND	4.4	133
10/30/18 01:30 AM	23026	424	2.42	ND	ND	ND	ND	ND	ND	ND	4.5	132
10/30/18 02:00 AM	22818	426	2.42	ND	ND	ND	ND	ND	ND	ND	4.6	133
10/30/18 02:30 AM	22956	427	2.45	ND	ND	ND	ND	ND	ND	ND	4.1	135
10/30/18 03:00 AM	22869	425	2.45	ND	ND	ND	ND	ND	ND	ND	3.9	136
10/30/18 03:30 AM	22759	423	2.45	ND	ND	ND	ND	ND	ND	ND	4.3	129
10/30/18 04:00 AM	22899	423	2.44	ND	ND	ND	ND	ND	ND	ND	4.1	133
10/30/18 04:30 AM	22902	422	2.43	ND	ND	ND	ND	ND	ND	ND	4.1	132
10/30/18 05:00 AM	22932	425	2.46	ND	ND	ND	ND	ND	ND	ND	4.0	134
10/30/18 05:30 AM	23114	424	2.45	ND	ND	ND	ND	ND	ND	ND	4.3	132
10/30/18 06:00 AM	23123	423	2.44	ND	ND	ND	ND	ND	ND	ND	4.3	130
10/30/18 06:30 AM	23282	426	2.45	ND	ND	ND	ND	ND	ND	ND	4.3	136
10/30/18 07:00 AM	23292	423	2.45	ND	ND	ND	ND	ND	ND	ND	3.9	137
10/30/18 07:30 AM	23270	424	2.44	ND	ND	ND	ND	ND	ND	ND	4.3	136
10/30/18 08:00 AM	23187	428	2.45	ND	ND	ND	ND	ND	ND	ND	4.8	139
10/30/18 08:30 AM	23241	427	2.45	ND	ND	ND	ND	ND	ND	ND	5.6	135
10/30/18 09:00 AM	23345	425	2.40	ND	ND	ND	ND	ND	ND	ND	6.1	137
10/30/18 09:30 AM	23502	426	2.37	ND	ND	ND	ND	ND	ND	ND	6.5	142
10/30/18 10:00 AM	23699	420	2.35	ND	ND	ND	ND	ND	ND	ND	7.6	148
10/30/18 10:30 AM	23731	419	2.33	ND	ND	ND	ND	ND	ND	ND	8.8	146
10/30/18 11:00 AM	22126	420	2.29	ND	ND	ND	ND	ND	ND	ND	9.9	146
10/30/18 11:30 AM	22015	419	2.28	ND	ND	ND	ND	ND	ND	ND	8.6	144
10/30/18 12:00 PM	22027	423	2.28	ND	ND	ND	ND	ND	ND	ND	8.4	140
10/30/18 12:30 PM	22489	422	2.29	ND	ND	ND	ND	ND	ND	ND	9.0	136
10/30/18 01:00 PM	23058	418	2.30	ND	ND	ND	ND	ND	ND	ND	8.3	140
10/30/18 01:30 PM	22971	415	2.30	ND	ND	ND	ND	ND	ND	ND	8.8	140
10/30/18 02:00 PM	22932	415	2.29	ND	ND	ND	ND	ND	ND	ND	8.9	142
10/30/18 02:30 PM	23328	417	2.29	ND	ND	ND	ND	ND	ND	ND	9.3	142
10/30/18 03:00 PM	23522	415	2.31	ND	ND	ND	ND	ND	ND	ND	9.3	141
10/30/18 03:30 PM	22968	415	2.30	ND	ND	ND	ND	ND	ND	ND	8.1	137
10/30/18 04:00 PM	22441	415	2.27	ND	ND	ND	ND	ND	ND	ND	8.1	137
10/30/18 04:30 PM	22545	414	2.28	ND	ND	ND	ND	ND	ND	ND	7.9	136
10/30/18 05:00 PM	22657	413	2.29	ND	ND	ND	ND	ND	ND	ND	7.6	134
10/30/18 05:30 PM	23057	413	2.33	ND	ND	ND	ND	ND	ND	ND	7.0	131
10/30/18 06:00 PM	23787	413	2.34	ND	ND	ND	ND	ND	ND	ND	6.9	130
10/30/18 06:30 PM	24017	414	2.33	ND	ND	ND	ND	ND	ND	ND	7.6	127
10/30/18 07:00 PM	24216	412	2.32	ND	ND	ND	ND	ND	ND	ND	6.3	136
10/30/18 07:30 PM	24432	413	2.30	ND	ND	ND	ND	ND	ND	ND	6.1	134
10/30/18 08:00 PM	24667	415	2.31	ND	ND	ND	ND	ND	ND	ND	5.8	132
10/30/18 08:30 PM	24083	416	2.33	ND	ND	ND	ND	ND	ND	ND	6.8	135
10/30/18 09:00 PM	24247	416	2.37	ND	ND	ND	ND	ND	ND	ND	7.3	134
10/30/18 09:30 PM	24403	418	2.38	ND	ND	ND	ND	ND	ND	ND	6.6	131
10/30/18 10:00 PM	24354	416	2.34	ND	ND	ND	ND	ND	ND	ND	8.3	134
10/30/18 10:30 PM	24290	414	2.32	ND	ND	ND	ND	ND	ND	ND	7.9	132
10/30/18 11:00 PM	24432	416	2.38	ND	ND	ND	ND	ND	ND	ND	7.9	133
10/30/18 11:30 PM	24367	415	2.33	ND	ND	ND	ND	ND	ND	ND	9.2	134
10/31/18 12:00 AM	24431	414	2.32	ND	ND	ND	ND	ND	ND	ND		

Daily Processed Summary (Average, Maximum)

Average	23337	419	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.6	137
Maximum Value	24667	428	2.46	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
10/31/18 12:30 AM	24625	416	2.33	ND	ND	ND	ND	ND	ND	ND	8.2	133
10/31/18 01:00 AM	24817	416	2.32	ND	ND	ND	ND	ND	ND	ND	7.5	134
10/31/18 01:30 AM	25104	416	2.33	ND	ND	ND	ND	ND	ND	ND	7.8	135
10/31/18 02:00 AM	25388	413	2.34	ND	ND	ND	ND	ND	ND	ND	7.8	134
10/31/18 02:30 AM	25606	411	2.34	ND	ND	ND	ND	ND	ND	ND	6.9	131
10/31/18 03:00 AM	25724	412	2.32	ND	ND	ND	ND	ND	ND	ND	6.8	130
10/31/18 03:30 AM	25821	413	2.31	ND	ND	ND	ND	ND	ND	ND	6.6	124
10/31/18 04:00 AM	25861	416	2.32	ND	ND	ND	ND	ND	ND	ND	6.6	119
10/31/18 04:30 AM	25928	415	2.31	ND	ND	ND	ND	ND	ND	ND	6.3	123
10/31/18 05:00 AM	26178	415	2.32	ND	ND	ND	ND	ND	ND	ND	5.2	125
10/31/18 05:30 AM	26482	419	2.32	ND	ND	ND	ND	ND	ND	ND	6.4	133
10/31/18 06:00 AM	26584	424	2.32	ND	ND	ND	ND	ND	ND	ND	4.8	127
10/31/18 06:30 AM	26267	415	2.31	ND	ND	ND	ND	ND	ND	ND	5.4	122
10/31/18 07:00 AM	25041	421	2.31	ND	ND	ND	ND	ND	ND	ND	5.2	127
10/31/18 07:30 AM	25576	418	2.30	ND	ND	ND	ND	ND	ND	ND	6.8	131
10/31/18 08:00 AM	25741	419	2.32	ND	ND	ND	ND	ND	ND	ND	6.2	136
10/31/18 08:30 AM	25425	418	2.31	ND	ND	ND	ND	ND	ND	ND	6.5	132
10/31/18 09:00 AM	25037	417	2.32	ND	ND	ND	ND	ND	ND	ND	7.6	129
10/31/18 09:30 AM	25308	415	2.31	ND	ND	ND	ND	ND	ND	ND	7.1	132
10/31/18 10:00 AM	25592	416	2.30	ND	ND	ND	ND	ND	ND	ND	7.9	139
10/31/18 10:30 AM	26214	414	2.30	ND	ND	ND	ND	ND	ND	ND	8.1	144
10/31/18 11:00 AM	26742	410	2.37	ND	ND	ND	ND	ND	ND	ND	10.1	150
10/31/18 11:30 AM	27316	411	2.30	ND	ND	ND	ND	ND	ND	ND	10.2	149
10/31/18 12:00 PM	27014	410	2.29	ND	ND	ND	ND	ND	ND	ND	11.0	144
10/31/18 12:30 PM	27017	411	2.30	ND	ND	ND	ND	ND	ND	ND	10.7	146
10/31/18 01:00 PM	27257	408	2.29	ND	ND	ND	ND	ND	ND	ND	10.9	150
10/31/18 01:30 PM	26724	408	2.29	ND	ND	ND	ND	ND	ND	ND	9.8	156
10/31/18 02:00 PM	26598	410	2.28	ND	ND	ND	ND	ND	ND	ND	11.0	154
10/31/18 02:30 PM	26975	413	2.29	ND	ND	ND	ND	ND	ND	ND	11.4	157
10/31/18 03:00 PM	26824	411	2.29	ND	ND	ND	ND	ND	ND	ND	10.7	154
10/31/18 03:30 PM	26738	405	2.29	ND	ND	ND	ND	ND	ND	ND	10.0	156
10/31/18 04:00 PM	26837	408	2.29	ND	ND	ND	ND	ND	ND	ND	9.5	147
10/31/18 04:30 PM	27612	406	2.31	ND	ND	ND	ND	ND	ND	ND	8.9	147
10/31/18 05:00 PM	27944	406	2.30	ND	ND	ND	ND	ND	ND	ND	8.7	153
10/31/18 05:30 PM	27986	406	2.31	ND	ND	ND	ND	ND	ND	ND	9.4	155
10/31/18 06:00 PM	27695	410	2.32	ND	ND	ND	ND	ND	ND	ND	9.1	160
10/31/18 06:30 PM	27679	412	2.33	ND	ND	ND	ND	ND	ND	ND	10.2	160
10/31/18 07:00 PM	27827	412	2.34	ND	ND	ND	ND	ND	ND	ND	10.5	158
10/31/18 07:30 PM	28018	411	2.34	ND	ND	ND	ND	ND	ND	ND	9.5	166
10/31/18 08:00 PM	28110	410	2.33	ND	ND	ND	ND	ND	ND	ND	9.9	170
10/31/18 08:30 PM	28150	409	2.33	ND	ND	ND	ND	ND	ND	ND	9.8	173
10/31/18 09:00 PM	28073	409	2.32	ND	ND	ND	ND	ND	ND	ND	8.6	239
10/31/18 09:30 PM	28077	408	2.31	ND	ND	ND	ND	ND	ND	ND	11.8	346
10/31/18 10:00 PM	26146	410	2.31	0.00400	ND	ND	ND	ND	ND	ND	8.9	346
10/31/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	242
10/31/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	342
10/31/18 11:30 PM	17637	389	2.38	ND	ND	ND	ND	ND	ND	ND	5.7	341
11/01/18 12:00 AM	17978	415	2.41	ND	ND	ND	ND	ND	ND	ND	5.2	323

## Daily Processed Summary (Average, Maximum)

Average	26159	412	2.32	0.00008	BDL	BDL	BDL	BDL	BDL	BDL	6.2	146
Maximum Value	28150	424	2.41	0.00400	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
November 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
			NONE			

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
November 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
			NONE			

Open Path FTIR Daily (24-hour) Averages  
Site: Formosa Point Comfort AAMS

timestamp	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/1/2018	100	12446	418	2.43	0.00012	BDL	BDL	0.00006	BDL	BDL	0.00026	6.2	324
11/2/2018	98	10275	392	2.40	BDL	BDL	BDL	0.00002	BDL	BDL	0.00010	1.2	231
11/3/2018	100	15543	357	2.20	0.00017	BDL	BDL	BDL	BDL	BDL	BDL	6.7	136
11/4/2018	100	17838	344	2.27	BDL	BDL	0.00007	BDL	BDL	BDL	BDL	2.2	7
11/5/2018	98	24123	335	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.9	158
11/6/2018	69	25620	312	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	139
11/7/2018	100	27147	331	2.16	BDL	BDL	BDL	BDL	BDL	BDL	0.00029	4.8	157
11/8/2018	85	24171	334	2.28	BDL	BDL	BDL	BDL	BDL	BDL	0.00011	2.5	64
11/9/2018	52	14286	300	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	348
11/10/2018	0											4.8	345
11/11/2018	0											6.2	24
11/12/2018	0											5.8	326
11/13/2018	67	4921	328	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.6	321
11/14/2018	85	4182	338	2.36	0.00008	BDL	BDL	BDL	BDL	BDL	BDL	4.5	314
11/15/2018	100	5725	344	2.34	BDL	0.00010	BDL	0.00013	BDL	BDL	0.00024	2.9	112
11/16/2018	100	10002	347	2.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	99
11/17/2018	100	14825	348	2.24	BDL	BDL	BDL	BDL	BDL	BDL	0.00014	4.5	88
11/18/2018	100	14893	340	2.29	BDL	BDL	BDL	0.00002	BDL	BDL	0.00006	4.5	11
11/19/2018	100	9958	333	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.0	344
11/20/2018	100	8015	347	2.33	0.00009	BDL	BDL	0.00004	BDL	BDL	BDL	6.0	343
11/21/2018	100	9808	345	2.40	0.00020	BDL	0.00011	BDL	BDL	BDL	0.00007	4.8	22
11/22/2018	100	11422	347	2.34	0.00010	0.00016	BDL	BDL	BDL	BDL	BDL	4.3	35
11/23/2018	100	16580	345	2.33	0.00009	BDL	0.00025	BDL	BDL	BDL	0.00010	0.4	46
11/24/2018	100	15499	338	2.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	152
11/25/2018	56	9899	341	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.0	316
11/26/2018	100	5439	340	2.19	0.00012	BDL	BDL	BDL	BDL	BDL	0.00005	5.1	328
11/27/2018	100	6792	338	2.36	BDL	BDL	BDL	BDL	BDL	BDL	0.00029	1.9	85
11/28/2018	100	14218	340	2.27	0.00008	BDL	BDL	BDL	BDL	0.00033	0.00006	2.5	147
11/29/2018	85	19033	316	2.17	BDL	BDL	BDL	BDL	BDL	0.00035	BDL	3.2	145
11/30/2018	50	21225	303	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	122

Daily Processed Summary (Average, Maximum)

Average	82	13848	341	2.28	0.00004	0.00001	0.00002	0.00001	BDL	0.00003	0.00007	1.6	16
Maximum Value	100	27147	418	2.53	0.00020	0.00016	0.00025	0.00013	BDL	0.00035	0.00029		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/01/18 12:30 AM	17941	421	2.40	ND	ND	ND	ND	ND	ND	ND	4.2	338
11/01/18 01:00 AM	18122	423	2.42	ND	ND	ND	ND	ND	ND	ND	3.3	319
11/01/18 01:30 AM	17885	422	2.43	ND	ND	ND	ND	ND	ND	ND	5.2	319
11/01/18 02:00 AM	17566	423	2.48	ND	ND	ND	ND	ND	ND	ND	9.0	305
11/01/18 02:30 AM	17646	423	2.47	ND	ND	ND	ND	ND	ND	ND	5.2	326
11/01/18 03:00 AM	17610	425	2.49	ND	ND	ND	ND	ND	ND	ND	7.0	320
11/01/18 03:30 AM	17108	424	2.50	ND	ND	ND	ND	ND	ND	ND	9.4	312
11/01/18 04:00 AM	16664	421	2.48	ND	ND	ND	ND	ND	ND	ND	10.6	308
11/01/18 04:30 AM	16168	421	2.48	ND	ND	ND	ND	ND	ND	ND	9.5	304
11/01/18 05:00 AM	16163	422	2.47	ND	ND	ND	ND	ND	ND	ND	5.3	316
11/01/18 05:30 AM	15592	424	2.46	ND	ND	ND	ND	ND	ND	ND	9.6	307
11/01/18 06:00 AM	15766	427	2.46	ND	ND	ND	ND	ND	ND	ND	8.7	314
11/01/18 06:30 AM	15340	426	2.51	ND	ND	ND	ND	ND	ND	ND	11.6	311
11/01/18 07:00 AM	14959	421	2.46	ND	ND	ND	ND	ND	ND	ND	11.4	308
11/01/18 07:30 AM	13681	425	2.49	ND	ND	ND	ND	ND	ND	ND	11.7	309
11/01/18 08:00 AM	13528	428	2.48	ND	ND	ND	ND	ND	ND	ND	10.5	309
11/01/18 08:30 AM	13328	431	2.47	ND	ND	ND	ND	ND	ND	ND	10.0	309
11/01/18 09:00 AM	13156	430	2.47	ND	ND	ND	ND	ND	ND	ND	6.7	317
11/01/18 09:30 AM	12880	428	2.45	ND	ND	ND	ND	ND	ND	0.00265	6.7	320
11/01/18 10:00 AM	12587	429	2.46	ND	ND	ND	ND	ND	ND	ND	6.8	332
11/01/18 10:30 AM	11556	426	2.40	ND	ND	ND	ND	ND	ND	ND	7.1	332
11/01/18 11:00 AM	11060	426	2.38	ND	ND	ND	ND	ND	ND	ND	7.3	331
11/01/18 11:30 AM	10990	426	2.38	ND	ND	ND	ND	ND	ND	ND	7.6	341
11/01/18 12:00 PM	11176	426	2.38	ND	ND	ND	ND	ND	ND	ND	7.8	338
11/01/18 12:30 PM	10880	426	2.37	ND	ND	ND	ND	ND	ND	ND	6.2	330
11/01/18 01:00 PM	10635	427	2.36	ND	ND	ND	ND	ND	ND	ND	5.6	320
11/01/18 01:30 PM	10623	424	2.35	ND	ND	ND	ND	ND	ND	ND	5.7	323
11/01/18 02:00 PM	10456	423	2.34	0.00563	ND	ND	ND	ND	ND	ND	5.9	322
11/01/18 02:30 PM	9360	387	2.13	ND	ND	ND	ND	ND	ND	0.00239	5.7	321
11/01/18 03:00 PM	9912	413	2.29	ND	ND	ND	ND	ND	ND	ND	7.0	312
11/01/18 03:30 PM	9962	413	2.28	ND	ND	ND	ND	ND	ND	ND	5.9	318
11/01/18 04:00 PM	9714	415	2.29	ND	ND	ND	ND	ND	ND	ND	5.1	326
11/01/18 04:30 PM	9310	417	2.27	ND	ND	ND	ND	ND	ND	ND	5.4	339
11/01/18 05:00 PM	9154	414	2.25	ND	ND	ND	ND	ND	ND	ND	5.7	343
11/01/18 05:30 PM	9249	412	2.25	ND	ND	ND	ND	ND	ND	ND	4.6	345
11/01/18 06:00 PM	9156	414	2.25	ND	ND	ND	ND	ND	ND	ND	3.6	347
11/01/18 06:30 PM	9423	409	2.25	ND	ND	ND	ND	ND	ND	ND	2.8	345
11/01/18 07:00 PM	9799	404	2.28	ND	ND	ND	ND	ND	ND	ND	3.0	349
11/01/18 07:30 PM	10024	404	2.42	ND	ND	ND	ND	ND	ND	ND	2.9	345
11/01/18 08:00 PM	10256	406	2.84	ND	ND	ND	ND	ND	ND	ND	2.9	346
11/01/18 08:30 PM	10394	406	2.60	ND	ND	ND	ND	ND	ND	ND	4.1	352
11/01/18 09:00 PM	10514	405	2.75	ND	ND	ND	ND	ND	ND	0.00516	5.1	350
11/01/18 09:30 PM	10213	403	2.47	ND	ND	ND	ND	ND	ND	ND	5.7	348
11/01/18 10:00 PM	9735	403	2.38	ND	ND	ND	ND	ND	ND	ND	4.8	345
11/01/18 10:30 PM	9693	406	2.38	ND	ND	0.00283	ND	ND	ND	0.00251	4.8	345
11/01/18 11:00 PM	10144	407	2.43	ND	ND	ND	ND	ND	ND	ND	6.0	351
11/01/18 11:30 PM	10352	406	2.83	ND	ND	ND	ND	ND	ND	ND	5.6	353
11/02/18 12:00 AM	9957	406	2.56	ND	ND	ND	ND	ND	ND	ND	5.3	351

## Daily Processed Summary (Average, Maximum)

Average	12446	418	2.43	0.00012	BDL	BDL	0.00006	BDL	BDL	0.00026	6.2	324
Maximum Value	18122	431	2.84	0.00563	BDL	BDL	0.00283	BDL	BDL	0.00516		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/02/18 12:30 AM	9673	407	2.39	ND	ND	ND	ND	ND	ND	ND	4.8	351
11/02/18 01:00 AM	9679	406	2.38	ND	ND	ND	ND	ND	ND	ND	5.1	349
11/02/18 01:30 AM	9617	403	2.37	ND	ND	ND	ND	ND	ND	ND	2.8	338
11/02/18 02:00 AM	9399	405	2.36	ND	ND	ND	ND	ND	ND	ND	2.9	339
11/02/18 02:30 AM	9952	408	2.44	ND	ND	ND	ND	ND	ND	ND	2.4	330
11/02/18 03:00 AM	9922	403	2.43	ND	ND	ND	ND	ND	ND	ND	1.1	161
11/02/18 03:30 AM	9956	403	2.52	ND	ND	ND	ND	ND	ND	ND	1.3	285
11/02/18 04:00 AM	10600	405	2.65	ND	ND	ND	ND	ND	ND	ND	1.9	284
11/02/18 04:30 AM	11193	408	2.84	ND	ND	ND	ND	ND	ND	ND	1.4	241
11/02/18 05:00 AM	11411	407	2.75	ND	ND	ND	ND	ND	ND	ND	1.1	169
11/02/18 05:30 AM	11229	410	2.52	ND	ND	ND	ND	ND	ND	ND	2.0	301
11/02/18 06:00 AM	10762	410	2.47	ND	ND	ND	ND	ND	ND	ND	2.9	301
11/02/18 06:30 AM	10442	409	2.47	ND	ND	ND	ND	ND	ND	ND	2.1	258
11/02/18 07:00 AM	10475	409	2.48	ND	ND	ND	ND	ND	ND	ND	2.8	285
11/02/18 07:30 AM	11045	412	2.50	ND	ND	ND	ND	ND	ND	ND	3.0	320
11/02/18 08:00 AM	10800	409	2.56	ND	ND	ND	ND	ND	ND	ND	2.1	320
11/02/18 08:30 AM	10846	410	2.51	ND	ND	ND	ND	ND	ND	0.00501	2.6	311
11/02/18 09:00 AM	11346	418	2.58	ND	ND	ND	ND	ND	ND	ND	2.9	271
11/02/18 09:30 AM	11700	418	2.59	ND	ND	ND	ND	ND	ND	ND	3.2	261
11/02/18 10:00 AM	11565	417	2.55	ND	ND	ND	ND	ND	ND	ND	3.5	257
11/02/18 10:30 AM	11352	414	2.46	ND	ND	ND	ND	ND	ND	ND	3.6	247
11/02/18 11:00 AM	11104	413	2.42	ND	ND	ND	0.00087	ND	ND	ND	3.5	246
11/02/18 11:30 AM	10140	416	2.36	ND	ND	ND	ND	ND	ND	ND	3.2	223
11/02/18 12:00 PM	8988	412	2.32	ND	ND	ND	ND	ND	ND	ND	3.7	225
11/02/18 12:30 PM	9417	410	2.34	ND	ND	ND	ND	ND	ND	ND	3.5	232
11/02/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	226
11/02/18 01:30 PM	9171	417	2.33	ND	ND	ND	ND	ND	ND	ND	3.2	248
11/02/18 02:00 PM	9141	418	2.33	ND	ND	ND	ND	ND	ND	ND	3.2	241
11/02/18 02:30 PM	9169	419	2.34	ND	ND	ND	ND	ND	ND	ND	3.4	231
11/02/18 03:00 PM	8804	419	2.33	ND	ND	ND	ND	ND	ND	ND	2.9	257
11/02/18 03:30 PM	8425	421	2.31	ND	ND	ND	ND	ND	ND	ND	2.9	213
11/02/18 04:00 PM	8093	357	2.20	ND	ND	ND	ND	ND	ND	ND	2.3	246
11/02/18 04:30 PM	7975	353	2.19	ND	ND	ND	ND	ND	ND	ND	1.8	210
11/02/18 05:00 PM	7850	351	2.19	ND	ND	ND	ND	ND	ND	ND	1.5	202
11/02/18 05:30 PM	7544	357	2.19	ND	ND	ND	ND	ND	ND	ND	0.8	151
11/02/18 06:00 PM	7747	363	2.20	ND	ND	ND	ND	ND	ND	ND	1.2	157
11/02/18 06:30 PM	8262	361	2.22	ND	ND	ND	ND	ND	ND	ND	1.7	142
11/02/18 07:00 PM	8831	360	2.25	ND	ND	ND	ND	ND	ND	ND	3.1	149
11/02/18 07:30 PM	9132	357	2.29	ND	ND	ND	ND	ND	ND	ND	3.6	160
11/02/18 08:00 PM	12219	355	2.36	ND	ND	ND	ND	ND	ND	ND	3.6	155
11/02/18 08:30 PM	12484	356	2.33	ND	ND	ND	ND	ND	ND	ND	3.3	150
11/02/18 09:00 PM	12465	356	2.37	ND	ND	ND	ND	ND	ND	ND	3.3	153
11/02/18 09:30 PM	12304	357	2.37	ND	ND	ND	ND	ND	ND	ND	3.2	153
11/02/18 10:00 PM	12532	358	2.37	ND	ND	ND	ND	ND	ND	ND	2.8	150
11/02/18 10:30 PM	12388	359	2.38	ND	ND	ND	ND	ND	ND	ND	3.3	148
11/02/18 11:00 PM	12237	356	2.37	ND	ND	ND	ND	ND	ND	ND	3.4	144
11/02/18 11:30 PM	11814	358	2.41	ND	ND	ND	ND	ND	ND	ND	3.3	143
11/03/18 12:00 AM	11711	358	2.32	ND	ND	ND	ND	ND	ND	ND	4.1	141

## Daily Processed Summary (Average, Maximum)

Average	10275	392	2.40	BDL	BDL	BDL	BDL	0.00002	BDL	BDL	0.00010	1.2	231
Maximum Value	12532	421	2.84	BDL	BDL	BDL	BDL	0.00087	BDL	BDL	0.00501		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/03/18 12:30 AM	12011	357	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	145
11/03/18 01:00 AM	11905	358	2.25	ND	ND	ND	ND	ND	ND	ND	4.8	143
11/03/18 01:30 AM	12073	359	2.25	ND	ND	ND	ND	ND	ND	ND	4.9	138
11/03/18 02:00 AM	12269	357	2.25	ND	ND	ND	ND	ND	ND	ND	5.1	135
11/03/18 02:30 AM	12313	357	2.24	0.00366	ND	ND	ND	ND	ND	ND	4.8	137
11/03/18 03:00 AM	12458	356	2.24	ND	ND	ND	ND	ND	ND	ND	4.7	142
11/03/18 03:30 AM	12477	355	2.23	ND	ND	ND	ND	ND	ND	ND	4.1	148
11/03/18 04:00 AM	12695	355	2.23	ND	ND	ND	ND	ND	ND	ND	3.7	146
11/03/18 04:30 AM	12521	358	2.22	ND	ND	ND	ND	ND	ND	ND	3.3	151
11/03/18 05:00 AM	12574	358	2.25	ND	ND	ND	ND	ND	ND	ND	3.2	142
11/03/18 05:30 AM	12534	361	2.31	ND	ND	ND	ND	ND	ND	ND	4.1	136
11/03/18 06:00 AM	12733	360	2.26	ND	ND	ND	ND	ND	ND	ND	4.1	130
11/03/18 06:30 AM	12696	359	2.24	ND	ND	ND	ND	ND	ND	ND	4.0	135
11/03/18 07:00 AM	13045	359	2.24	ND	ND	ND	ND	ND	ND	ND	3.6	136
11/03/18 07:30 AM	12746	359	2.20	ND	ND	ND	ND	ND	ND	ND	4.0	133
11/03/18 08:00 AM	12847	359	2.20	ND	ND	ND	ND	ND	ND	ND	4.6	133
11/03/18 08:30 AM	13146	360	2.21	ND	ND	ND	ND	ND	ND	ND	5.0	134
11/03/18 09:00 AM	14081	359	2.22	ND	ND	ND	ND	ND	ND	ND	5.7	133
11/03/18 09:30 AM	14072	358	2.20	ND	ND	ND	ND	ND	ND	ND	6.5	135
11/03/18 10:00 AM	13764	358	2.20	ND	ND	ND	ND	ND	ND	ND	7.1	132
11/03/18 10:30 AM	13619	359	2.20	ND	ND	ND	ND	ND	ND	ND	8.4	136
11/03/18 11:00 AM	13715	360	2.19	0.00432	ND	ND	ND	ND	ND	ND	9.0	143
11/03/18 11:30 AM	14297	361	2.18	ND	ND	ND	ND	ND	ND	ND	9.3	139
11/03/18 12:00 PM	14399	361	2.18	ND	ND	ND	ND	ND	ND	ND	9.7	142
11/03/18 12:30 PM	14424	361	2.18	ND	ND	ND	ND	ND	ND	ND	9.3	134
11/03/18 01:00 PM	14645	362	2.17	ND	ND	ND	ND	ND	ND	ND	9.7	142
11/03/18 01:30 PM	14982	362	2.17	ND	ND	ND	ND	ND	ND	ND	12.1	137
11/03/18 02:00 PM	15508	364	2.16	ND	ND	ND	ND	ND	ND	ND	11.5	139
11/03/18 02:30 PM	15796	363	2.16	ND	ND	ND	ND	ND	ND	ND	10.8	138
11/03/18 03:00 PM	16762	361	2.16	ND	ND	ND	ND	ND	ND	ND	10.0	138
11/03/18 03:30 PM	17241	360	2.16	ND	ND	ND	ND	ND	ND	ND	8.7	144
11/03/18 04:00 PM	17443	359	2.17	ND	ND	ND	ND	ND	ND	ND	9.2	136
11/03/18 04:30 PM	17592	360	2.17	ND	ND	ND	ND	ND	ND	ND	8.4	133
11/03/18 05:00 PM	17785	358	2.17	ND	ND	ND	ND	ND	ND	ND	8.7	131
11/03/18 05:30 PM	17929	359	2.18	ND	ND	ND	ND	ND	ND	ND	8.8	134
11/03/18 06:00 PM	18226	360	2.17	ND	ND	ND	ND	ND	ND	ND	7.9	134
11/03/18 06:30 PM	18496	357	2.18	ND	ND	ND	ND	ND	ND	ND	7.0	127
11/03/18 07:00 PM	18537	356	2.18	ND	ND	ND	ND	ND	ND	ND	6.9	126
11/03/18 07:30 PM	19129	356	2.18	ND	ND	ND	ND	ND	ND	ND	7.9	132
11/03/18 08:00 PM	19394	354	2.18	ND	ND	ND	ND	ND	ND	ND	6.8	133
11/03/18 08:30 PM	19611	351	2.19	ND	ND	ND	ND	ND	ND	ND	5.8	131
11/03/18 09:00 PM	19903	349	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	129
11/03/18 09:30 PM	19927	346	2.19	ND	ND	ND	ND	ND	ND	ND	5.6	127
11/03/18 10:00 PM	20005	346	2.17	ND	ND	ND	ND	ND	ND	ND	6.6	120
11/03/18 10:30 PM	20220	345	2.16	ND	ND	ND	ND	ND	ND	ND	8.3	131
11/03/18 11:00 PM	20467	344	2.16	ND	ND	ND	ND	ND	ND	ND	7.3	133
11/03/18 11:30 PM	20477	343	2.16	ND	ND	ND	ND	ND	ND	ND	5.2	129
11/04/18 12:00 AM	20584	345	2.16	ND	ND	ND	ND	ND	ND	ND	4.0	131

## Daily Processed Summary (Average, Maximum)

Average	15543	357	2.20	0.00017	BDL	BDL	BDL	BDL	BDL	BDL	6.7	136
Maximum Value	20584	364	2.31	0.00432	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/04/18 12:30 AM	20671	342	2.17	ND	ND	ND	ND	ND	ND	ND	4.0	145
11/04/18 01:00 AM	20650	341	2.17	ND	ND	ND	ND	ND	ND	ND	3.4	126
11/04/18 01:30 AM	20909	343	2.18	ND	ND	ND	ND	ND	ND	ND	3.6	127
11/04/18 02:00 AM	21306	341	2.20	ND	ND	ND	ND	ND	ND	ND	5.2	135
11/04/18 02:30 AM	21653	339	2.20	ND	ND	ND	ND	ND	ND	ND	4.5	129
11/04/18 03:00 AM	21775	336	2.20	ND	ND	ND	ND	ND	ND	ND	3.9	147
11/04/18 03:30 AM	22258	337	2.21	ND	ND	ND	ND	ND	ND	ND	3.6	151
11/04/18 04:00 AM	22049	337	2.19	ND	ND	ND	ND	ND	ND	ND	3.7	134
11/04/18 04:30 AM	21783	340	2.18	ND	ND	ND	ND	ND	ND	ND	2.5	118
11/04/18 05:00 AM	22226	339	2.22	ND	ND	ND	ND	ND	ND	ND	2.5	115
11/04/18 05:30 AM	22453	343	2.24	ND	ND	ND	ND	ND	ND	ND	0.9	116
11/04/18 06:00 AM	22343	341	2.30	ND	ND	ND	ND	ND	ND	ND	0.6	204
11/04/18 06:30 AM	22257	338	2.26	ND	ND	ND	ND	ND	ND	ND	1.0	132
11/04/18 07:00 AM	22281	338	2.32	ND	ND	ND	ND	ND	ND	ND	0.6	172
11/04/18 07:30 AM	22376	338	2.26	ND	ND	ND	ND	ND	ND	ND	0.8	257
11/04/18 08:00 AM	18998	340	2.27	ND	ND	ND	ND	ND	ND	ND	6.8	334
11/04/18 08:30 AM	15986	292	2.09	ND	ND	ND	ND	ND	ND	ND	8.5	348
11/04/18 09:00 AM	15933	300	2.13	ND	ND	ND	ND	ND	ND	ND	6.6	347
11/04/18 09:30 AM	16499	312	2.17	ND	ND	ND	ND	ND	ND	ND	7.8	353
11/04/18 10:00 AM	17226	337	2.22	ND	ND	ND	ND	ND	ND	ND	7.9	350
11/04/18 10:30 AM	17421	339	2.23	ND	ND	ND	ND	ND	ND	ND	8.6	355
11/04/18 11:00 AM	17245	342	2.24	ND	ND	ND	ND	ND	ND	ND	9.1	295
11/04/18 11:30 AM	17068	343	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	298
11/04/18 12:00 PM	15976	346	2.26	ND	ND	ND	ND	ND	ND	ND	9.6	292
11/04/18 12:30 PM	15292	347	2.27	ND	ND	ND	ND	ND	ND	ND	9.4	295
11/04/18 01:00 PM	15173	351	2.29	ND	ND	ND	ND	ND	ND	ND	8.9	297
11/04/18 01:30 PM	14701	353	2.27	ND	ND	ND	ND	ND	ND	ND	9.5	291
11/04/18 02:00 PM	14660	353	2.28	ND	ND	ND	ND	ND	ND	ND	8.7	298
11/04/18 02:30 PM	14567	352	2.28	ND	ND	ND	ND	ND	ND	ND	9.0	181
11/04/18 03:00 PM	14928	351	2.29	ND	ND	ND	ND	ND	ND	ND	8.8	294
11/04/18 03:30 PM	15093	352	2.29	ND	ND	ND	ND	ND	ND	ND	8.7	355
11/04/18 04:00 PM	15290	356	2.30	ND	ND	ND	ND	ND	ND	ND	5.8	15
11/04/18 04:30 PM	15067	357	2.32	ND	ND	0.00358	ND	ND	ND	ND	5.4	21
11/04/18 05:00 PM	15095	355	2.31	ND	ND	ND	ND	ND	ND	ND	5.8	29
11/04/18 05:30 PM	14971	352	2.32	ND	ND	ND	ND	ND	ND	ND	6.1	32
11/04/18 06:00 PM	15244	353	2.33	ND	ND	ND	ND	ND	ND	ND	5.3	34
11/04/18 06:30 PM	15305	355	2.33	ND	ND	ND	ND	ND	ND	ND	5.3	31
11/04/18 07:00 PM	15305	355	2.35	ND	ND	ND	ND	ND	ND	ND	6.2	32
11/04/18 07:30 PM	15450	356	2.36	ND	ND	ND	ND	ND	ND	ND	5.6	44
11/04/18 08:00 PM	15685	359	2.43	ND	ND	ND	ND	ND	ND	ND	5.1	52
11/04/18 08:30 PM	15895	355	2.50	ND	ND	ND	ND	ND	ND	ND	4.5	62
11/04/18 09:00 PM	16086	353	2.53	ND	ND	ND	ND	ND	ND	ND	4.4	69
11/04/18 09:30 PM	16840	352	2.38	ND	ND	ND	ND	ND	ND	ND	4.4	73
11/04/18 10:00 PM	16612	353	2.32	ND	ND	ND	ND	ND	ND	ND	6.3	70
11/04/18 10:30 PM	16484	354	2.30	ND	ND	ND	ND	ND	ND	ND	5.5	65
11/04/18 11:00 PM	17093	352	2.30	ND	ND	ND	ND	ND	ND	ND	5.0	73
11/04/18 11:30 PM	17806	351	2.28	ND	ND	ND	ND	ND	ND	ND	4.6	68
11/05/18 12:00 AM	18257	352	2.32	ND	ND	ND	ND	ND	ND	ND	4.2	62

## Daily Processed Summary (Average, Maximum)

Average	17838	344	2.27	BDL	BDL	0.00007	BDL	BDL	BDL	BDL	2.2	7
Maximum Value	22453	359	2.53	BDL	BDL	0.00358	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/05/18 12:30 AM	18626	350	2.31	ND	ND	ND	ND	ND	ND	ND	4.4	63
11/05/18 01:00 AM	18419	348	2.30	ND	ND	ND	ND	ND	ND	ND	5.1	75
11/05/18 01:30 AM	18845	347	2.28	ND	ND	ND	ND	ND	ND	ND	4.2	78
11/05/18 02:00 AM	19486	342	2.28	ND	ND	ND	ND	ND	ND	ND	4.0	75
11/05/18 02:30 AM	20259	342	2.23	ND	ND	ND	ND	ND	ND	ND	3.4	63
11/05/18 03:00 AM	20557	342	2.36	ND	ND	ND	ND	ND	ND	ND	3.9	66
11/05/18 03:30 AM	20173	345	2.51	ND	ND	ND	ND	ND	ND	ND	2.5	95
11/05/18 04:00 AM	20236	324	2.41	ND	ND	ND	ND	ND	ND	ND	4.7	74
11/05/18 04:30 AM	21176	322	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	72
11/05/18 05:00 AM	21342	301	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	95
11/05/18 05:30 AM	18389	212	1.68	ND	ND	ND	ND	ND	ND	ND	3.5	93
11/05/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.3	115
11/05/18 06:30 AM	20624	228	1.81	ND	ND	ND	ND	ND	ND	ND	4.9	133
11/05/18 07:00 AM	23769	312	2.12	ND	ND	ND	ND	ND	ND	ND	5.4	150
11/05/18 07:30 AM	24574	331	2.22	ND	ND	ND	ND	ND	ND	ND	5.2	157
11/05/18 08:00 AM	24910	336	2.22	ND	ND	ND	ND	ND	ND	ND	5.0	161
11/05/18 08:30 AM	25055	341	2.27	ND	ND	ND	ND	ND	ND	ND	4.4	167
11/05/18 09:00 AM	25241	341	2.25	ND	ND	ND	ND	ND	ND	ND	3.5	180
11/05/18 09:30 AM	25417	342	2.21	ND	ND	ND	ND	ND	ND	ND	4.2	177
11/05/18 10:00 AM	25538	343	2.17	ND	ND	ND	ND	ND	ND	ND	7.1	180
11/05/18 10:30 AM	25317	345	2.16	ND	ND	ND	ND	ND	ND	ND	7.3	180
11/05/18 11:00 AM	25145	343	2.16	ND	ND	ND	ND	ND	ND	ND	8.2	176
11/05/18 11:30 AM	25387	347	2.16	ND	ND	ND	ND	ND	ND	ND	9.0	182
11/05/18 12:00 PM	25539	344	2.16	ND	ND	ND	ND	ND	ND	ND	9.8	177
11/05/18 12:30 PM	25383	346	2.17	ND	ND	ND	ND	ND	ND	ND	10.1	177
11/05/18 01:00 PM	25261	348	2.17	ND	ND	ND	ND	ND	ND	ND	8.6	178
11/05/18 01:30 PM	25521	349	2.17	ND	ND	ND	ND	ND	ND	ND	9.0	181
11/05/18 02:00 PM	25403	348	2.16	ND	ND	ND	ND	ND	ND	ND	10.7	182
11/05/18 02:30 PM	25742	348	2.16	ND	ND	ND	ND	ND	ND	ND	10.6	182
11/05/18 03:00 PM	25881	347	2.16	ND	ND	ND	ND	ND	ND	ND	9.5	177
11/05/18 03:30 PM	25183	347	2.16	ND	ND	ND	ND	ND	ND	ND	8.9	171
11/05/18 04:00 PM	25517	348	2.16	ND	ND	ND	ND	ND	ND	ND	8.6	173
11/05/18 04:30 PM	25777	345	2.16	ND	ND	ND	ND	ND	ND	ND	7.5	173
11/05/18 05:00 PM	25871	346	2.16	ND	ND	ND	ND	ND	ND	ND	6.7	172
11/05/18 05:30 PM	25436	342	2.17	ND	ND	ND	ND	ND	ND	ND	8.2	162
11/05/18 06:00 PM	25844	343	2.20	ND	ND	ND	ND	ND	ND	ND	6.4	165
11/05/18 06:30 PM	26191	343	2.21	ND	ND	ND	ND	ND	ND	ND	5.2	162
11/05/18 07:00 PM	26241	340	2.22	ND	ND	ND	ND	ND	ND	ND	4.6	159
11/05/18 07:30 PM	26113	336	2.17	ND	ND	ND	ND	ND	ND	ND	4.0	139
11/05/18 08:00 PM	25924	334	2.17	ND	ND	ND	ND	ND	ND	ND	4.5	139
11/05/18 08:30 PM	25875	334	2.16	ND	ND	ND	ND	ND	ND	ND	4.8	141
11/05/18 09:00 PM	26027	338	2.18	ND	ND	ND	ND	ND	ND	ND	4.8	155
11/05/18 09:30 PM	26108	339	2.19	ND	ND	ND	ND	ND	ND	ND	4.9	154
11/05/18 10:00 PM	26091	338	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	163
11/05/18 10:30 PM	26001	333	2.21	ND	ND	ND	ND	ND	ND	ND	5.6	161
11/05/18 11:00 PM	26123	337	2.20	ND	ND	ND	ND	ND	ND	ND	4.4	167
11/05/18 11:30 PM	26107	338	2.22	ND	ND	ND	ND	ND	ND	ND	3.4	176
11/06/18 12:00 AM	26129	339	2.24	ND	ND	ND	ND	ND	ND	ND	3.2	175

## Daily Processed Summary (Average, Maximum)

Average	24123	335	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.9	158
Maximum Value	26241	350	2.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/06/18 12:30 AM	26244	338	2.22	ND	ND	ND	ND	ND	ND	ND	2.8	178
11/06/18 01:00 AM	26159	335	2.22	ND	ND	ND	ND	ND	ND	ND	2.6	177
11/06/18 01:30 AM	25936	324	2.22	ND	ND	ND	ND	ND	ND	ND	2.9	173
11/06/18 02:00 AM	25056	297	2.09	ND	ND	ND	ND	ND	ND	ND	1.9	203
11/06/18 02:30 AM	21085	200	1.71	ND	ND	ND	ND	ND	ND	ND	1.7	178
11/06/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	165
11/06/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	165
11/06/18 04:00 AM	19758	194	1.53	ND	ND	ND	ND	ND	ND	ND	2.5	138
11/06/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	121
11/06/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	121
11/06/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	120
11/06/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	120
11/06/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.8	108
11/06/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.2	94
11/06/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	104
11/06/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	98
11/06/18 08:30 AM	21602	198	1.67	ND	ND	ND	ND	ND	ND	ND	3.1	105
11/06/18 09:00 AM	25997	292	2.04	ND	ND	ND	ND	ND	ND	ND	4.4	110
11/06/18 09:30 AM	26973	312	2.10	ND	ND	ND	ND	ND	ND	ND	5.7	130
11/06/18 10:00 AM	27062	325	2.15	ND	ND	ND	ND	ND	ND	ND	5.6	145
11/06/18 10:30 AM	26912	326	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	143
11/06/18 11:00 AM	26507	327	2.18	ND	ND	ND	ND	ND	ND	ND	6.0	143
11/06/18 11:30 AM	26106	335	2.18	ND	ND	ND	ND	ND	ND	ND	6.1	148
11/06/18 12:00 PM	25653	338	2.17	ND	ND	ND	ND	ND	ND	ND	7.0	156
11/06/18 12:30 PM	25509	348	2.19	ND	ND	ND	ND	ND	ND	ND	7.0	181
11/06/18 01:00 PM	25685	346	2.18	ND	ND	ND	ND	ND	ND	ND	6.5	175
11/06/18 01:30 PM	25746	347	2.18	ND	ND	ND	ND	ND	ND	ND	6.9	167
11/06/18 02:00 PM	25687	341	2.17	ND	ND	ND	ND	ND	ND	ND	6.6	153
11/06/18 02:30 PM	25938	347	2.18	ND	ND	ND	ND	ND	ND	ND	6.0	163
11/06/18 03:00 PM	26003	345	2.17	ND	ND	ND	ND	ND	ND	ND	6.3	163
11/06/18 03:30 PM	25770	345	2.18	ND	ND	ND	ND	ND	ND	ND	6.2	160
11/06/18 04:00 PM	25645	346	2.18	ND	ND	ND	ND	ND	ND	ND	5.7	156
11/06/18 04:30 PM	25814	346	2.18	ND	ND	ND	ND	ND	ND	ND	5.2	154
11/06/18 05:00 PM	26113	347	2.19	ND	ND	ND	ND	ND	ND	ND	4.1	155
11/06/18 05:30 PM	26405	341	2.17	ND	ND	ND	ND	ND	ND	ND	4.6	136
11/06/18 06:00 PM	26609	339	2.18	ND	ND	ND	ND	ND	ND	ND	3.9	122
11/06/18 06:30 PM	27279	331	2.13	ND	ND	ND	ND	ND	ND	ND	4.3	118
11/06/18 07:00 PM	27481	324	2.11	ND	ND	ND	ND	ND	ND	ND	4.7	117
11/06/18 07:30 PM	26727	296	2.04	ND	ND	ND	ND	ND	ND	ND	5.3	107
11/06/18 08:00 PM	26466	291	2.02	ND	ND	ND	ND	ND	ND	ND	4.7	115
11/06/18 08:30 PM	25805	277	1.96	ND	ND	ND	ND	ND	ND	ND	4.8	112
11/06/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.9	110
11/06/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	115
11/06/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	117
11/06/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.7	117
11/06/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.1	129
11/06/18 11:30 PM	23875	235	1.78	ND	ND	ND	ND	ND	ND	ND	6.7	131
11/07/18 12:00 AM	25844	275	1.96	ND	ND	ND	ND	ND	ND	ND	6.2	133

## Daily Processed Summary (Average, Maximum)

Average	25620	312	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.2	139
Maximum Value	27481	348	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/07/18 12:30 AM	25727	271	1.96	ND	ND	ND	ND	ND	ND	ND	7.0	133
11/07/18 01:00 AM	25952	277	1.98	ND	ND	ND	ND	ND	ND	ND	5.9	136
11/07/18 01:30 AM	26666	299	2.03	ND	ND	ND	ND	ND	ND	ND	5.9	140
11/07/18 02:00 AM	26522	293	2.02	ND	ND	ND	ND	ND	ND	ND	6.3	139
11/07/18 02:30 AM	26908	307	2.06	ND	ND	ND	ND	ND	ND	ND	5.8	144
11/07/18 03:00 AM	27385	323	2.13	ND	ND	ND	ND	ND	ND	ND	5.3	158
11/07/18 03:30 AM	27536	328	2.16	ND	ND	ND	ND	ND	ND	ND	4.5	153
11/07/18 04:00 AM	27453	326	2.15	ND	ND	ND	ND	ND	ND	ND	4.7	154
11/07/18 04:30 AM	27582	333	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	165
11/07/18 05:00 AM	27598	333	2.21	ND	ND	ND	ND	ND	ND	ND	3.7	168
11/07/18 05:30 AM	27615	337	2.25	ND	ND	ND	ND	ND	ND	0.00518	2.7	171
11/07/18 06:00 AM	27531	336	2.27	ND	ND	ND	ND	ND	ND	ND	2.7	168
11/07/18 06:30 AM	27527	336	2.23	ND	ND	ND	ND	ND	ND	ND	2.8	165
11/07/18 07:00 AM	27629	337	2.26	ND	ND	ND	ND	ND	ND	ND	2.0	176
11/07/18 07:30 AM	27710	340	2.26	ND	ND	ND	ND	ND	ND	ND	1.9	163
11/07/18 08:00 AM	27817	341	2.24	ND	ND	ND	ND	ND	ND	0.00417	2.0	140
11/07/18 08:30 AM	27938	341	2.22	ND	ND	ND	ND	ND	ND	ND	3.3	178
11/07/18 09:00 AM	27852	341	2.21	ND	ND	ND	ND	ND	ND	0.00477	3.9	170
11/07/18 09:30 AM	28066	339	2.23	ND	ND	ND	ND	ND	ND	ND	3.9	166
11/07/18 10:00 AM	28176	344	2.21	ND	ND	ND	ND	ND	ND	ND	5.2	181
11/07/18 10:30 AM	27612	344	2.19	ND	ND	ND	ND	ND	ND	ND	5.8	181
11/07/18 11:00 AM	27580	344	2.18	ND	ND	ND	ND	ND	ND	ND	5.9	178
11/07/18 11:30 AM	27227	344	2.17	ND	ND	ND	ND	ND	ND	ND	5.6	174
11/07/18 12:00 PM	27119	346	2.18	ND	ND	ND	ND	ND	ND	ND	6.6	183
11/07/18 12:30 PM	27116	345	2.19	ND	ND	ND	ND	ND	ND	ND	7.4	169
11/07/18 01:00 PM	27000	344	2.18	ND	ND	ND	ND	ND	ND	ND	7.4	177
11/07/18 01:30 PM	27032	346	2.19	ND	ND	ND	ND	ND	ND	ND	8.0	168
11/07/18 02:00 PM	26917	347	2.20	ND	ND	ND	ND	ND	ND	ND	8.2	178
11/07/18 02:30 PM	26847	346	2.19	ND	ND	ND	ND	ND	ND	ND	7.6	175
11/07/18 03:00 PM	26879	345	2.19	ND	ND	ND	ND	ND	ND	ND	7.0	172
11/07/18 03:30 PM	26936	349	2.19	ND	ND	ND	ND	ND	ND	ND	7.3	173
11/07/18 04:00 PM	27061	346	2.19	ND	ND	ND	ND	ND	ND	ND	7.1	168
11/07/18 04:30 PM	26973	335	2.18	ND	ND	ND	ND	ND	ND	ND	6.6	153
11/07/18 05:00 PM	27002	349	2.20	ND	ND	ND	ND	ND	ND	ND	5.2	161
11/07/18 05:30 PM	26634	345	2.18	ND	ND	ND	ND	ND	ND	ND	5.5	146
11/07/18 06:00 PM	26494	342	2.17	ND	ND	ND	ND	ND	ND	ND	5.4	147
11/07/18 06:30 PM	26745	340	2.18	ND	ND	ND	ND	ND	ND	ND	5.4	151
11/07/18 07:00 PM	27052	335	2.17	ND	ND	ND	ND	ND	ND	ND	4.9	133
11/07/18 07:30 PM	27194	333	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	129
11/07/18 08:00 PM	27184	331	2.17	ND	ND	ND	ND	ND	ND	ND	4.1	124
11/07/18 08:30 PM	27261	332	2.14	ND	ND	ND	ND	ND	ND	ND	4.0	123
11/07/18 09:00 PM	27222	330	2.13	ND	ND	ND	ND	ND	ND	ND	4.2	126
11/07/18 09:30 PM	27055	324	2.13	ND	ND	ND	ND	ND	ND	ND	4.7	131
11/07/18 10:00 PM	27030	325	2.12	ND	ND	ND	ND	ND	ND	ND	3.9	123
11/07/18 10:30 PM	26840	319	2.09	ND	ND	ND	ND	ND	ND	ND	4.2	124
11/07/18 11:00 PM	26773	314	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	135
11/07/18 11:30 PM	26548	312	2.12	ND	ND	ND	ND	ND	ND	ND	3.7	139
11/08/18 12:00 AM	26533	314	2.11	ND	ND	ND	ND	ND	ND	ND	3.0	135

## Daily Processed Summary (Average, Maximum)

Average	27147	331	2.16	BDL	BDL	BDL	BDL	BDL	BDL	0.00029	4.8	157
Maximum Value	28176	349	2.27	BDL	BDL	BDL	BDL	BDL	BDL	0.00518		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/08/18 12:30 AM	26313	310	2.13	ND	ND	ND	ND	ND	ND	ND	2.3	140
11/08/18 01:00 AM	25604	293	2.09	ND	ND	ND	ND	ND	ND	ND	1.6	121
11/08/18 01:30 AM	25529	300	2.09	ND	ND	ND	ND	ND	ND	ND	1.4	73
11/08/18 02:00 AM	25528	309	2.13	ND	ND	ND	ND	ND	ND	ND	1.1	119
11/08/18 02:30 AM	25550	303	2.10	ND	ND	ND	ND	ND	ND	ND	1.8	123
11/08/18 03:00 AM	24834	284	2.04	ND	ND	ND	ND	ND	ND	ND	1.2	93
11/08/18 03:30 AM	25207	301	2.15	ND	ND	ND	ND	ND	ND	ND	2.4	81
11/08/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	74
11/08/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.6	70
11/08/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.7	81
11/08/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.6	84
11/08/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	85
11/08/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.0	100
11/08/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	202
11/08/18 07:30 AM	19353	244	2.01	ND	ND	ND	ND	ND	ND	ND	5.7	346
11/08/18 08:00 AM	21605	327	2.43	ND	ND	ND	ND	ND	ND	0.00518	6.0	346
11/08/18 08:30 AM	21954	344	2.46	ND	ND	ND	ND	ND	ND	ND	5.5	347
11/08/18 09:00 AM	22446	349	2.47	ND	ND	ND	ND	ND	ND	ND	5.0	352
11/08/18 09:30 AM	23069	351	2.44	ND	ND	ND	ND	ND	ND	ND	4.7	348
11/08/18 10:00 AM	23639	353	2.43	ND	ND	ND	ND	ND	ND	ND	4.9	350
11/08/18 10:30 AM	23658	350	2.44	ND	ND	ND	ND	ND	ND	ND	5.7	235
11/08/18 11:00 AM	23586	349	2.43	ND	ND	ND	ND	ND	ND	ND	5.3	353
11/08/18 11:30 AM	23713	352	2.43	ND	ND	ND	ND	ND	ND	ND	5.2	182
11/08/18 12:00 PM	24075	354	2.41	ND	ND	ND	ND	ND	ND	ND	5.7	123
11/08/18 12:30 PM	24570	356	2.40	ND	ND	ND	ND	ND	ND	ND	5.0	294
11/08/18 01:00 PM	25084	355	2.33	ND	ND	ND	ND	ND	ND	ND	3.0	76
11/08/18 01:30 PM	25275	353	2.29	ND	ND	ND	ND	ND	ND	ND	4.4	83
11/08/18 02:00 PM	24985	347	2.24	ND	ND	ND	ND	ND	ND	ND	4.9	106
11/08/18 02:30 PM	25126	347	2.22	ND	ND	ND	ND	ND	ND	ND	7.2	116
11/08/18 03:00 PM	25020	335	2.13	ND	ND	ND	ND	ND	ND	ND	7.5	105
11/08/18 03:30 PM	25428	331	2.12	ND	ND	ND	ND	ND	ND	ND	7.4	109
11/08/18 04:00 PM	25333	332	2.12	ND	ND	ND	ND	ND	ND	ND	6.6	103
11/08/18 04:30 PM	25546	332	2.13	ND	ND	ND	ND	ND	ND	ND	6.4	95
11/08/18 05:00 PM	25703	330	2.13	ND	ND	ND	ND	ND	ND	ND	5.6	85
11/08/18 05:30 PM	25969	332	2.15	ND	ND	ND	ND	ND	ND	ND	5.1	82
11/08/18 06:00 PM	25638	335	2.18	ND	ND	ND	ND	ND	ND	ND	3.9	35
11/08/18 06:30 PM	24998	342	2.28	ND	ND	ND	ND	ND	ND	ND	5.5	121
11/08/18 07:00 PM	22685	353	2.42	ND	ND	ND	ND	ND	ND	ND	5.5	292
11/08/18 07:30 PM	22992	351	2.43	ND	ND	ND	ND	ND	ND	ND	4.3	28
11/08/18 08:00 PM	23663	349	2.40	ND	ND	ND	ND	ND	ND	ND	5.2	35
11/08/18 08:30 PM	23592	346	2.39	ND	ND	ND	ND	ND	ND	ND	4.8	37
11/08/18 09:00 PM	23491	349	2.38	ND	ND	ND	ND	ND	ND	ND	6.0	41
11/08/18 09:30 PM	23542	347	2.36	ND	ND	ND	ND	ND	ND	ND	6.2	33
11/08/18 10:00 PM	23375	345	2.36	ND	ND	ND	ND	ND	ND	ND	5.8	41
11/08/18 10:30 PM	23421	342	2.32	ND	ND	ND	ND	ND	ND	ND	6.0	51
11/08/18 11:00 PM	23273	341	2.33	ND	ND	ND	ND	ND	ND	ND	6.3	56
11/08/18 11:30 PM	23226	341	2.34	ND	ND	ND	ND	ND	ND	ND	5.4	57
11/09/18 12:00 AM	23404	341	2.32	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	24171	334	2.28	BDL	BDL	BDL	BDL	BDL	BDL	0.00011	2.5	64
Maximum Value	26313	356	2.47	BDL	BDL	BDL	BDL	BDL	BDL	0.00518		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCI_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/09/18 12:30 AM	23715	342	2.31	ND	ND	ND	ND	ND	ND	ND	5.3	33
11/09/18 01:00 AM	23356	345	2.39	ND	ND	ND	ND	ND	ND	ND	3.9	280
11/09/18 01:30 AM	21776	316	2.32	ND	ND	ND	ND	ND	ND	ND	6.2	337
11/09/18 02:00 AM	18515	301	2.30	ND	ND	ND	ND	ND	ND	ND	9.7	348
11/09/18 02:30 AM	16723	273	2.14	ND	ND	ND	ND	ND	ND	ND	10.4	349
11/09/18 03:00 AM	17190	341	2.36	ND	ND	ND	ND	ND	ND	ND	9.6	341
11/09/18 03:30 AM	16117	343	2.35	ND	ND	ND	ND	ND	ND	ND	10.0	341
11/09/18 04:00 AM	14941	307	2.27	ND	ND	ND	ND	ND	ND	ND	10.8	347
11/09/18 04:30 AM	14017	296	2.23	ND	ND	ND	ND	ND	ND	ND	11.5	348
11/09/18 05:00 AM	14300	333	2.29	ND	ND	ND	ND	ND	ND	ND	9.8	340
11/09/18 05:30 AM	12242	237	1.98	ND	ND	ND	ND	ND	ND	ND	13.7	352
11/09/18 06:00 AM	12058	255	2.03	ND	ND	ND	ND	ND	ND	ND	14.4	353
11/09/18 06:30 AM	13219	331	2.24	ND	ND	ND	ND	ND	ND	ND	13.5	353
11/09/18 07:00 AM	13268	340	2.27	ND	ND	ND	ND	ND	ND	ND	11.7	346
11/09/18 07:30 AM	12644	325	2.23	ND	ND	ND	ND	ND	ND	ND	15.3	352
11/09/18 08:00 AM	12762	327	2.22	ND	ND	ND	ND	ND	ND	ND	13.8	295
11/09/18 08:30 AM	12243	300	2.14	ND	ND	ND	ND	ND	ND	ND	12.1	353
11/09/18 09:00 AM	11722	286	2.08	ND	ND	ND	ND	ND	ND	ND	13.0	350
11/09/18 09:30 AM	10477	212	1.86	ND	ND	ND	ND	ND	ND	ND	12.7	351
11/09/18 10:00 AM	11172	255	2.00	ND	ND	ND	ND	ND	ND	ND	11.6	349
11/09/18 10:30 AM	11529	301	2.14	ND	ND	ND	ND	ND	ND	ND	9.8	345
11/09/18 11:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.0	343
11/09/18 11:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.2	349
11/09/18 12:00 PM	10491	256	2.01	ND	ND	ND	ND	ND	ND	ND	12.1	350
11/09/18 12:30 PM	10736	269	2.05	ND	ND	ND	ND	ND	ND	ND	11.5	351
11/09/18 01:00 PM	10906	288	2.13	ND	ND	ND	ND	ND	ND	ND	11.6	349
11/09/18 01:30 PM	11028	329	2.22	ND	ND	ND	ND	ND	ND	ND	12.6	350
11/09/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	349
11/09/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.9	352
11/09/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	350
11/09/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	349
11/09/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	355
11/09/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	352
11/09/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.3	353
11/09/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	352
11/09/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	350
11/09/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	351
11/09/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	347
11/09/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	352
11/09/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	352
11/09/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	352
11/09/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	350
11/09/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	351
11/09/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	352
11/09/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	348
11/09/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	344
11/09/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	343
11/10/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	14286	300	2.18	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.2	348
Maximum Value	23715	345	2.39	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/10/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	346
11/10/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	349
11/10/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	353
11/10/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	351
11/10/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	355
11/10/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	350
11/10/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	351
11/10/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	347
11/10/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	352
11/10/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	179
11/10/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	291
11/10/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	346
11/10/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	345
11/10/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	346
11/10/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	348
11/10/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	347
11/10/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	352
11/10/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	236
11/10/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	357
11/10/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	237
11/10/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	292
11/10/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	341
11/10/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	350
11/10/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	353
11/10/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	238
11/10/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	354
11/10/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	296
11/10/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	179
11/10/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	353
11/10/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	351
11/10/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	293
11/10/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	350
11/10/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	351
11/10/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	68
11/10/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	183
11/10/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	354
11/10/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	350
11/10/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	347
11/10/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	122
11/10/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	67
11/10/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	28
11/10/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	30
11/10/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	29
11/10/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	31
11/10/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	30
11/10/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	27
11/10/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	22
11/11/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	294

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.8	345
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/11/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	351
11/11/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	350
11/11/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	296
11/11/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	183
11/11/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	290
11/11/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	347
11/11/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	344
11/11/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	353
11/11/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	353
11/11/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	62
11/11/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	11
11/11/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	19
11/11/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	34
11/11/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	31
11/11/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	32
11/11/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	17
11/11/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	17
11/11/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	23
11/11/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	23
11/11/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	14
11/11/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	16
11/11/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	17
11/11/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	21
11/11/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	19
11/11/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	32
11/11/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	25
11/11/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	32
11/11/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	31
11/11/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	28
11/11/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	31
11/11/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	18
11/11/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	10
11/11/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	120
11/11/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	345
11/11/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	67
11/11/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	23
11/11/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	26
11/11/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	32
11/11/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	32
11/11/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	28
11/11/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	33
11/11/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	33
11/11/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	35
11/11/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	45
11/11/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	52
11/11/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	53
11/11/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		
11/12/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average	#DIV/OI	#DIV/OI	#DIV/OI	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.2	24

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/12/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	39
11/12/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	67
11/12/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	67
11/12/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	307
11/12/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.7	224
11/12/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.5	76
11/12/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.0	83
11/12/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	230
11/12/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	292
11/12/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	312
11/12/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	330
11/12/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.6	237
11/12/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	305
11/12/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	316
11/12/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	312
11/12/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	318
11/12/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	312
11/12/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	314
11/12/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	314
11/12/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	322
11/12/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	315
11/12/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	322
11/12/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	315
11/12/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	319
11/12/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	317
11/12/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	331
11/12/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	330
11/12/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	324
11/12/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	315
11/12/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	316
11/12/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.4	325
11/12/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	337
11/12/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	339
11/12/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	339
11/12/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	338
11/12/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	331
11/12/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	328
11/12/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	334
11/12/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	325
11/12/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	330
11/12/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	338
11/12/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	325
11/12/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	324
11/12/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	332
11/12/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	326
11/12/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	329
11/12/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	327
11/13/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	329

Daily Processed Summary (Average, Maximum)

Average	#DIV/0!	#DIV/0!	#DIV/0!	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.8	326
Maximum Value	0	0	0.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages  
Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/13/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	332
11/13/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	336
11/13/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	323
11/13/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	318
11/13/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	319
11/13/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	319
11/13/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	318
11/13/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	317
11/13/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	318
11/13/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	323
11/13/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	315
11/13/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	319
11/13/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	324
11/13/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	319
11/13/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	321
11/13/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	319
11/13/18 08:30 AM	4961	332	2.20	ND	ND	ND	ND	ND	ND	ND	8.2	318
11/13/18 09:00 AM	4877	326	2.22	ND	ND	ND	ND	ND	ND	ND	8.9	318
11/13/18 09:30 AM	4675	285	2.14	ND	ND	ND	ND	ND	ND	ND	10.2	314
11/13/18 10:00 AM	4721	305	2.15	ND	ND	ND	ND	ND	ND	ND	8.1	317
11/13/18 10:30 AM	4822	331	2.22	ND	ND	ND	ND	ND	ND	ND	10.3	311
11/13/18 11:00 AM	4785	333	2.21	ND	ND	ND	ND	ND	ND	ND	9.6	316
11/13/18 11:30 AM	4842	333	2.20	ND	ND	ND	ND	ND	ND	ND	10.6	313
11/13/18 12:00 PM	4892	333	2.20	ND	ND	ND	ND	ND	ND	ND	10.7	312
11/13/18 12:30 PM	4943	332	2.21	ND	ND	ND	ND	ND	ND	ND	10.2	313
11/13/18 01:00 PM	4854	325	2.20	ND	ND	ND	ND	ND	ND	ND	10.1	312
11/13/18 01:30 PM	4862	334	2.21	ND	ND	ND	ND	ND	ND	ND	10.8	311
11/13/18 02:00 PM	4870	331	2.20	ND	ND	ND	ND	ND	ND	ND	11.5	306
11/13/18 02:30 PM	4850	329	2.20	ND	ND	ND	ND	ND	ND	ND	10.3	312
11/13/18 03:00 PM	4959	336	2.21	ND	ND	ND	ND	ND	ND	ND	12.5	309
11/13/18 03:30 PM	4873	334	2.22	ND	ND	ND	ND	ND	ND	ND	10.4	311
11/13/18 04:00 PM	4812	331	2.23	ND	ND	ND	ND	ND	ND	ND	7.6	324
11/13/18 04:30 PM	4717	327	2.21	ND	ND	ND	ND	ND	ND	ND	6.3	333
11/13/18 05:00 PM	4716	326	2.18	ND	ND	ND	ND	ND	ND	ND	5.9	324
11/13/18 05:30 PM	4733	327	2.18	ND	ND	ND	ND	ND	ND	ND	5.2	338
11/13/18 06:00 PM	4805	325	2.18	ND	ND	ND	ND	ND	ND	ND	5.0	339
11/13/18 06:30 PM	4931	330	2.19	ND	ND	ND	ND	ND	ND	ND	4.3	341
11/13/18 07:00 PM	5153	329	2.19	ND	ND	ND	ND	ND	ND	ND	3.7	336
11/13/18 07:30 PM	5120	333	2.18	ND	ND	ND	ND	ND	ND	ND	3.5	344
11/13/18 08:00 PM	5118	332	2.35	ND	ND	ND	ND	ND	ND	ND	3.8	347
11/13/18 08:30 PM	5060	330	2.60	ND	ND	ND	ND	ND	ND	ND	4.8	350
11/13/18 09:00 PM	5004	326	2.49	ND	ND	ND	ND	ND	ND	ND	4.5	346
11/13/18 09:30 PM	5112	326	2.40	ND	ND	ND	ND	ND	ND	ND	3.2	346
11/13/18 10:00 PM	5205	331	2.51	ND	ND	ND	ND	ND	ND	ND	3.0	348
11/13/18 10:30 PM	5082	332	2.33	ND	ND	ND	ND	ND	ND	ND	3.9	345
11/13/18 11:00 PM	4959	328	2.28	ND	ND	ND	ND	ND	ND	ND	3.6	343
11/13/18 11:30 PM	5057	327	2.26	ND	ND	ND	ND	ND	ND	ND	2.3	336
11/14/18 12:00 AM	5105	329	2.26	ND	ND	ND	ND	ND	ND	ND	2.6	322

Daily Processed Summary (Average, Maximum)

Average	4921	328	2.25	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.6	321
Maximum Value	5205	336	2.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/14/18 12:30 AM	5017	331	2.50	ND	ND	ND	ND	ND	ND	ND	4.9	311
11/14/18 01:00 AM	5207	325	2.32	ND	ND	ND	ND	ND	ND	ND	4.9	310
11/14/18 01:30 AM	5215	323	2.29	ND	ND	ND	ND	ND	ND	ND	5.3	307
11/14/18 02:00 AM	5138	327	2.29	ND	ND	ND	ND	ND	ND	ND	5.4	305
11/14/18 02:30 AM	5210	328	2.31	ND	ND	ND	ND	ND	ND	ND	6.1	303
11/14/18 03:00 AM	5176	324	2.33	ND	ND	ND	ND	ND	ND	ND	6.6	303
11/14/18 03:30 AM	4997	329	2.32	ND	ND	ND	ND	ND	ND	ND	7.2	304
11/14/18 04:00 AM	4731	323	2.31	ND	ND	ND	ND	ND	ND	ND	6.6	309
11/14/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	311
11/14/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.3	316
11/14/18 05:30 AM	5749	270	3.43	ND	ND	ND	ND	ND	ND	ND	5.9	312
11/14/18 06:00 AM	4464	320	2.36	ND	ND	ND	ND	ND	ND	ND	6.7	308
11/14/18 06:30 AM	4350	323	2.36	ND	ND	ND	ND	ND	ND	ND	4.6	318
11/14/18 07:00 AM	4248	323	2.64	ND	ND	ND	ND	ND	ND	ND	3.8	318
11/14/18 07:30 AM	4259	324	2.73	ND	ND	ND	ND	ND	ND	ND	4.1	317
11/14/18 08:00 AM	4264	329	3.02	ND	ND	ND	ND	ND	ND	ND	4.7	315
11/14/18 08:30 AM	4219	332	2.95	ND	ND	ND	ND	ND	ND	ND	4.4	321
11/14/18 09:00 AM	4208	335	2.49	ND	ND	ND	ND	ND	ND	ND	4.1	319
11/14/18 09:30 AM	4371	341	2.34	ND	ND	ND	ND	ND	ND	ND	4.6	318
11/14/18 10:00 AM	4168	345	2.31	ND	ND	ND	ND	ND	ND	ND	5.1	322
11/14/18 10:30 AM	4027	349	2.28	ND	ND	ND	ND	ND	ND	ND	5.8	317
11/14/18 11:00 AM	3958	352	2.34	ND	ND	ND	ND	ND	ND	ND	7.1	305
11/14/18 11:30 AM	4220	350	2.37	ND	ND	ND	ND	ND	ND	ND	5.8	317
11/14/18 12:00 PM	3912	348	2.31	ND	ND	ND	ND	ND	ND	ND	5.5	318
11/14/18 12:30 PM	3536	348	2.27	ND	ND	ND	ND	ND	ND	ND	5.7	310
11/14/18 01:00 PM	3849	351	2.27	ND	ND	ND	ND	ND	ND	ND	6.4	307
11/14/18 01:30 PM	3673	354	2.28	ND	ND	ND	ND	ND	ND	ND	7.0	307
11/14/18 02:00 PM	3269	353	2.24	ND	ND	ND	ND	ND	ND	ND	6.3	308
11/14/18 02:30 PM	3473	352	2.23	ND	ND	ND	ND	ND	ND	ND	6.8	309
11/14/18 03:00 PM	3299	350	2.23	ND	ND	ND	ND	ND	ND	ND	6.7	311
11/14/18 03:30 PM	3064	354	2.22	ND	ND	ND	ND	ND	ND	ND	5.9	312
11/14/18 04:00 PM	3139	355	2.22	0.00372	ND	ND	ND	ND	ND	ND	5.5	314
11/14/18 04:30 PM	3234	354	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	315
11/14/18 05:00 PM	3438	355	2.21	ND	ND	ND	ND	ND	ND	ND	2.2	318
11/14/18 05:30 PM	4188	350	2.26	ND	ND	ND	ND	ND	ND	ND	2.0	325
11/14/18 06:00 PM	4647	344	2.21	ND	ND	ND	ND	ND	ND	ND	1.6	324
11/14/18 06:30 PM	4464	346	2.21	ND	ND	ND	ND	ND	ND	ND	1.3	337
11/14/18 07:00 PM	4027	344	2.19	ND	ND	ND	ND	ND	ND	ND	2.1	317
11/14/18 07:30 PM	3666	340	2.17	ND	ND	ND	ND	ND	ND	ND	2.2	313
11/14/18 08:00 PM	3754	340	2.18	ND	ND	ND	ND	ND	ND	ND	2.0	319
11/14/18 08:30 PM	3903	343	2.18	ND	ND	ND	ND	ND	ND	ND	2.1	322
11/14/18 09:00 PM	3816	339	2.18	ND	ND	ND	ND	ND	ND	ND	2.7	284
11/14/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	357
11/14/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	354
11/14/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	167
11/14/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	57
11/14/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	43
11/15/18 12:00 AM	3930	347	2.33	ND	ND	ND	ND	ND	ND	ND	4.5	314

## Daily Processed Summary (Average, Maximum)

Average	4182	338	2.36	0.00008	BDL	BDL	BDL	BDL	BDL	BDL	4.5	314
Maximum Value	5749	355	3.43	0.00372	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/15/18 12:30 AM	3743	347	2.33	ND	ND	ND	ND	ND	ND	ND	2.3	53
11/15/18 01:00 AM	3812	349	2.31	ND	0.00320	ND	0.00220	ND	ND	ND	2.7	56
11/15/18 01:30 AM	3808	344	2.40	ND	0.00155	ND	0.00098	ND	ND	ND	3.2	78
11/15/18 02:00 AM	3832	343	2.34	ND	ND	ND	ND	ND	ND	ND	2.5	88
11/15/18 02:30 AM	3874	340	2.30	ND	ND	ND	ND	ND	ND	ND	2.1	125
11/15/18 03:00 AM	3738	339	2.33	ND	ND	ND	ND	ND	ND	ND	3.1	89
11/15/18 03:30 AM	3734	341	2.35	ND	ND	ND	ND	ND	ND	ND	2.7	72
11/15/18 04:00 AM	3740	343	2.31	ND	ND	ND	ND	ND	ND	ND	3.8	72
11/15/18 04:30 AM	3768	341	2.33	ND	ND	ND	ND	ND	ND	0.00465	4.5	72
11/15/18 05:00 AM	3804	346	2.35	ND	ND	ND	ND	ND	ND	ND	4.3	69
11/15/18 05:30 AM	3987	345	2.35	ND	ND	ND	ND	ND	ND	ND	4.4	74
11/15/18 06:00 AM	4189	345	2.51	ND	ND	ND	ND	ND	ND	ND	3.7	67
11/15/18 06:30 AM	4566	344	2.84	ND	ND	ND	0.00283	ND	ND	0.00670	4.2	67
11/15/18 07:00 AM	4470	345	2.64	ND	ND	ND	ND	ND	ND	ND	3.8	79
11/15/18 07:30 AM	4492	341	2.54	ND	ND	ND	ND	ND	ND	ND	3.4	76
11/15/18 08:00 AM	4518	343	2.57	ND	ND	ND	ND	ND	ND	ND	3.6	90
11/15/18 08:30 AM	4672	345	2.41	ND	ND	ND	ND	ND	ND	ND	3.7	100
11/15/18 09:00 AM	4605	347	2.35	ND	ND	ND	ND	ND	ND	ND	3.8	82
11/15/18 09:30 AM	4601	345	2.31	ND	ND	ND	ND	ND	ND	ND	3.8	84
11/15/18 10:00 AM	4519	350	2.27	ND	ND	ND	ND	ND	ND	ND	2.9	76
11/15/18 10:30 AM	4314	350	2.24	ND	ND	ND	ND	ND	ND	ND	2.6	149
11/15/18 11:00 AM	5651	355	2.32	ND	ND	ND	ND	ND	ND	ND	3.3	223
11/15/18 11:30 AM	5512	353	2.30	ND	ND	ND	ND	ND	ND	ND	3.9	242
11/15/18 12:00 PM	4658	355	2.25	ND	ND	ND	ND	ND	ND	ND	4.1	198
11/15/18 12:30 PM	4943	352	2.26	ND	ND	ND	ND	ND	ND	ND	4.5	191
11/15/18 01:00 PM	4965	349	2.24	ND	ND	ND	ND	ND	ND	ND	3.6	181
11/15/18 01:30 PM	5295	349	2.24	ND	ND	ND	ND	ND	ND	ND	4.9	162
11/15/18 02:00 PM	5885	347	2.25	ND	ND	ND	ND	ND	ND	ND	6.1	115
11/15/18 02:30 PM	5965	341	2.23	ND	ND	ND	ND	ND	ND	ND	6.4	113
11/15/18 03:00 PM	6397	345	2.24	ND	ND	ND	ND	ND	ND	ND	6.5	103
11/15/18 03:30 PM	6749	345	2.22	ND	ND	ND	ND	ND	ND	ND	6.4	106
11/15/18 04:00 PM	6811	346	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	106
11/15/18 04:30 PM	7045	345	2.21	ND	ND	ND	ND	ND	ND	ND	5.4	99
11/15/18 05:00 PM	7722	352	2.23	ND	ND	ND	ND	ND	ND	ND	3.9	104
11/15/18 05:30 PM	7489	350	2.25	ND	ND	ND	ND	ND	ND	ND	3.0	125
11/15/18 06:00 PM	7766	345	2.29	ND	ND	ND	ND	ND	ND	ND	3.3	133
11/15/18 06:30 PM	7795	341	2.32	ND	ND	ND	ND	ND	ND	ND	3.6	140
11/15/18 07:00 PM	7725	342	2.32	ND	ND	ND	ND	ND	ND	ND	4.0	134
11/15/18 07:30 PM	7805	338	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	134
11/15/18 08:00 PM	7851	339	2.32	ND	ND	ND	ND	ND	ND	ND	3.5	134
11/15/18 08:30 PM	7556	340	2.34	ND	ND	ND	ND	ND	ND	ND	3.4	132
11/15/18 09:00 PM	8046	340	2.32	ND	ND	ND	ND	ND	ND	ND	3.1	128
11/15/18 09:30 PM	8170	341	2.36	ND	ND	ND	ND	ND	ND	ND	3.2	130
11/15/18 10:00 PM	8177	339	2.40	ND	ND	ND	ND	ND	ND	ND	3.0	144
11/15/18 10:30 PM	8346	334	2.42	ND	ND	ND	ND	ND	ND	ND	3.2	141
11/15/18 11:00 PM	8000	334	2.46	ND	ND	ND	ND	ND	ND	ND	3.0	151
11/15/18 11:30 PM	7829	336	2.44	ND	ND	ND	ND	ND	ND	ND	2.7	147
11/16/18 12:00 AM	7868	337	2.44	ND	ND	ND	ND	ND	ND	ND	2.4	140

## Daily Processed Summary (Average, Maximum)

Average	5725	344	2.34	BDL	0.00010	BDL	0.00013	BDL	BDL	0.00024	2.9	112
Maximum Value	8346	355	2.84	BDL	0.00320	BDL	0.00283	BDL	BDL	0.00670		

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# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/16/18 12:30 AM	7735	340	2.45	ND	ND	ND	ND	ND	ND	ND	1.8	136
11/16/18 01:00 AM	7793	339	2.59	ND	ND	ND	ND	ND	ND	ND	1.6	154
11/16/18 01:30 AM	8105	341	2.37	ND	ND	ND	ND	ND	ND	ND	1.0	191
11/16/18 02:00 AM	8230	335	2.33	ND	ND	ND	ND	ND	ND	ND	0.6	191
11/16/18 02:30 AM	8819	339	2.38	ND	ND	ND	ND	ND	ND	ND	0.7	245
11/16/18 03:00 AM	8395	339	2.42	ND	ND	ND	ND	ND	ND	ND	0.6	248
11/16/18 03:30 AM	8796	342	2.46	ND	ND	ND	ND	ND	ND	ND	0.6	257
11/16/18 04:00 AM	8587	340	2.42	ND	ND	ND	ND	ND	ND	ND	0.6	259
11/16/18 04:30 AM	8715	342	2.47	ND	ND	ND	ND	ND	ND	ND	1.2	308
11/16/18 05:00 AM	8508	340	2.47	ND	ND	ND	ND	ND	ND	ND	1.3	304
11/16/18 05:30 AM	7825	340	2.87	ND	ND	ND	ND	ND	ND	ND	2.0	326
11/16/18 06:00 AM	7499	341	3.23	ND	ND	ND	ND	ND	ND	ND	2.0	345
11/16/18 06:30 AM	7671	342	3.04	ND	ND	ND	ND	ND	ND	ND	2.0	351
11/16/18 07:00 AM	7786	340	2.77	ND	ND	ND	ND	ND	ND	ND	1.8	345
11/16/18 07:30 AM	7861	342	2.67	ND	ND	ND	ND	ND	ND	ND	2.0	342
11/16/18 08:00 AM	8382	342	2.79	ND	ND	ND	ND	ND	ND	ND	1.9	337
11/16/18 08:30 AM	8936	352	2.65	ND	ND	ND	ND	ND	ND	ND	2.2	317
11/16/18 09:00 AM	9240	352	2.65	ND	ND	ND	ND	ND	ND	ND	4.1	300
11/16/18 09:30 AM	9642	354	3.20	ND	ND	ND	ND	ND	ND	ND	3.3	296
11/16/18 10:00 AM	9782	353	3.19	ND	ND	ND	ND	ND	ND	ND	3.3	274
11/16/18 10:30 AM	9453	351	2.68	ND	ND	ND	ND	ND	ND	ND	3.4	255
11/16/18 11:00 AM	9501	348	2.46	ND	ND	ND	ND	ND	ND	ND	3.4	250
11/16/18 11:30 AM	9462	352	2.43	ND	ND	ND	ND	ND	ND	ND	3.2	248
11/16/18 12:00 PM	9694	353	2.43	ND	ND	ND	ND	ND	ND	ND	4.3	262
11/16/18 12:30 PM	9949	353	2.35	ND	ND	ND	ND	ND	ND	ND	4.2	230
11/16/18 01:00 PM	10339	356	2.28	ND	ND	ND	ND	ND	ND	ND	3.7	171
11/16/18 01:30 PM	10559	354	2.29	ND	ND	ND	ND	ND	ND	ND	3.1	166
11/16/18 02:00 PM	10658	354	2.29	ND	ND	ND	ND	ND	ND	ND	5.3	103
11/16/18 02:30 PM	10832	358	2.30	ND	ND	ND	ND	ND	ND	ND	5.2	119
11/16/18 03:00 PM	10905	359	2.30	ND	ND	ND	ND	ND	ND	ND	6.0	116
11/16/18 03:30 PM	10885	357	2.26	ND	ND	ND	ND	ND	ND	ND	6.4	113
11/16/18 04:00 PM	11060	360	2.26	ND	ND	ND	ND	ND	ND	ND	6.3	111
11/16/18 04:30 PM	10862	357	2.26	ND	ND	ND	ND	ND	ND	ND	6.5	110
11/16/18 05:00 PM	11043	349	2.27	ND	ND	ND	ND	ND	ND	ND	5.5	112
11/16/18 05:30 PM	11419	355	2.30	ND	ND	ND	ND	ND	ND	ND	4.0	113
11/16/18 06:00 PM	11428	355	2.28	ND	ND	ND	ND	ND	ND	ND	2.9	117
11/16/18 06:30 PM	11282	351	2.28	ND	ND	ND	ND	ND	ND	ND	2.5	114
11/16/18 07:00 PM	11566	347	2.30	ND	ND	ND	ND	ND	ND	ND	2.8	106
11/16/18 07:30 PM	11969	343	2.32	ND	ND	ND	ND	ND	ND	ND	2.6	98
11/16/18 08:00 PM	12248	344	2.29	ND	ND	ND	ND	ND	ND	ND	3.4	80
11/16/18 08:30 PM	12271	344	2.29	ND	ND	ND	ND	ND	ND	ND	4.0	68
11/16/18 09:00 PM	12171	347	2.31	ND	ND	ND	ND	ND	ND	ND	3.9	66
11/16/18 09:30 PM	11957	349	2.34	ND	ND	ND	ND	ND	ND	ND	4.2	66
11/16/18 10:00 PM	11770	348	2.37	ND	ND	ND	ND	ND	ND	ND	4.5	68
11/16/18 10:30 PM	11943	347	2.34	ND	ND	ND	ND	ND	ND	ND	4.2	69
11/16/18 11:00 PM	12033	346	2.33	ND	ND	ND	ND	ND	ND	ND	3.7	69
11/16/18 11:30 PM	12121	342	2.36	ND	ND	ND	ND	ND	ND	ND	3.6	68
11/17/18 12:00 AM	12424	346	2.36	ND	ND	ND	ND	ND	ND	ND	3.3	70

## Daily Processed Summary (Average, Maximum)

Average	10022	347	2.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	99
Maximum Value	12424	360	3.23	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/17/18 12:30 AM	12582	351	2.32	ND	ND	ND	ND	ND	ND	ND	3.1	73
11/17/18 01:00 AM	12969	351	2.29	ND	ND	ND	ND	ND	ND	ND	2.5	91
11/17/18 01:30 AM	13107	347	2.25	ND	ND	ND	ND	ND	ND	ND	3.0	98
11/17/18 02:00 AM	13093	347	2.25	ND	ND	ND	ND	ND	ND	ND	2.8	95
11/17/18 02:30 AM	12918	349	2.32	ND	ND	ND	ND	ND	ND	ND	2.4	95
11/17/18 03:00 AM	13050	348	2.29	ND	ND	ND	ND	ND	ND	ND	2.9	99
11/17/18 03:30 AM	13204	346	2.32	ND	ND	ND	ND	ND	ND	ND	2.9	75
11/17/18 04:00 AM	13210	349	2.28	ND	ND	ND	ND	ND	ND	0.00207	3.1	77
11/17/18 04:30 AM	13153	349	2.28	ND	ND	ND	ND	ND	ND	ND	2.7	80
11/17/18 05:00 AM	13131	348	2.28	ND	ND	ND	ND	ND	ND	ND	3.1	78
11/17/18 05:30 AM	13153	348	2.31	ND	ND	ND	ND	ND	ND	0.00236	3.1	73
11/17/18 06:00 AM	12777	346	2.27	ND	ND	ND	ND	ND	ND	0.00238	2.9	72
11/17/18 06:30 AM	12992	343	2.28	ND	ND	ND	ND	ND	ND	ND	2.7	67
11/17/18 07:00 AM	13219	343	2.27	ND	ND	ND	ND	ND	ND	ND	3.9	68
11/17/18 07:30 AM	13378	344	2.30	ND	ND	ND	ND	ND	ND	ND	2.9	92
11/17/18 08:00 AM	13482	347	2.32	ND	ND	ND	ND	ND	ND	ND	1.8	197
11/17/18 08:30 AM	13633	346	2.38	ND	ND	ND	ND	ND	ND	ND	1.1	152
11/17/18 09:00 AM	13934	346	2.40	ND	ND	ND	ND	ND	ND	ND	2.7	72
11/17/18 09:30 AM	14550	347	2.39	ND	ND	ND	ND	ND	ND	ND	3.7	62
11/17/18 10:00 AM	15347	344	2.27	ND	ND	ND	ND	ND	ND	ND	5.4	74
11/17/18 10:30 AM	15398	341	2.22	ND	ND	ND	ND	ND	ND	ND	4.4	98
11/17/18 11:00 AM	15230	346	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	96
11/17/18 11:30 AM	15500	350	2.18	ND	ND	ND	ND	ND	ND	ND	6.6	93
11/17/18 12:00 PM	15163	351	2.17	ND	ND	ND	ND	ND	ND	ND	7.4	92
11/17/18 12:30 PM	15077	349	2.17	ND	ND	ND	ND	ND	ND	ND	7.9	92
11/17/18 01:00 PM	15281	350	2.17	ND	ND	ND	ND	ND	ND	ND	8.5	107
11/17/18 01:30 PM	15415	350	2.17	ND	ND	ND	ND	ND	ND	ND	8.6	111
11/17/18 02:00 PM	15554	351	2.17	ND	ND	ND	ND	ND	ND	ND	9.0	101
11/17/18 02:30 PM	15577	354	2.18	ND	ND	ND	ND	ND	ND	ND	7.6	99
11/17/18 03:00 PM	15492	357	2.18	ND	ND	ND	ND	ND	ND	ND	8.0	100
11/17/18 03:30 PM	15482	352	2.18	ND	ND	ND	ND	ND	ND	ND	6.9	97
11/17/18 04:00 PM	15425	349	2.17	ND	ND	ND	ND	ND	ND	ND	6.8	96
11/17/18 04:30 PM	15707	348	2.18	ND	ND	ND	ND	ND	ND	ND	5.8	89
11/17/18 05:00 PM	15843	347	2.17	ND	ND	ND	ND	ND	ND	ND	5.6	86
11/17/18 05:30 PM	15912	346	2.18	ND	ND	ND	ND	ND	ND	ND	5.3	77
11/17/18 06:00 PM	15940	345	2.20	ND	ND	ND	ND	ND	ND	ND	4.8	77
11/17/18 06:30 PM	15850	348	2.19	ND	ND	ND	ND	ND	ND	ND	5.5	72
11/17/18 07:00 PM	15824	348	2.19	ND	ND	ND	ND	ND	ND	ND	4.6	80
11/17/18 07:30 PM	16064	346	2.19	ND	ND	ND	ND	ND	ND	ND	5.1	78
11/17/18 08:00 PM	16246	348	2.21	ND	ND	ND	ND	ND	ND	ND	5.1	74
11/17/18 08:30 PM	16323	348	2.21	ND	ND	ND	ND	ND	ND	ND	5.2	78
11/17/18 09:00 PM	16504	347	2.18	ND	ND	ND	ND	ND	ND	ND	5.0	83
11/17/18 09:30 PM	16574	345	2.18	ND	ND	ND	ND	ND	ND	ND	5.2	84
11/17/18 10:00 PM	16661	345	2.17	ND	ND	ND	ND	ND	ND	ND	3.5	90
11/17/18 10:30 PM	16732	346	2.20	ND	ND	ND	ND	ND	ND	ND	3.4	87
11/17/18 11:00 PM	16672	346	2.21	ND	ND	ND	ND	ND	ND	ND	3.7	87
11/17/18 11:30 PM	16677	347	2.25	ND	ND	ND	ND	ND	ND	ND	4.2	74
11/18/18 12:00 AM	16612	347	2.19	ND	ND	ND	ND	ND	ND	ND	3.8	61

## Daily Processed Summary (Average, Maximum)

Average	14825	348	2.24	BDL	BDL	BDL	BDL	BDL	BDL	0.00014	4.5	88
Maximum Value	16732	357	2.40	BDL	BDL	BDL	BDL	BDL	BDL	0.00238		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/18/18 12:30 AM	16578	345	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	64
11/18/18 01:00 AM	16614	347	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	67
11/18/18 01:30 AM	16742	344	2.18	ND	ND	ND	ND	ND	ND	ND	3.5	64
11/18/18 02:00 AM	16944	344	2.17	ND	ND	ND	ND	ND	ND	ND	4.6	73
11/18/18 02:30 AM	17206	348	2.19	ND	ND	ND	ND	ND	ND	ND	4.6	72
11/18/18 03:00 AM	17215	347	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	81
11/18/18 03:30 AM	17198	349	2.20	ND	ND	ND	ND	ND	ND	ND	3.4	70
11/18/18 04:00 AM	17236	350	2.19	ND	ND	ND	ND	ND	ND	ND	4.3	59
11/18/18 04:30 AM	17613	344	2.28	ND	ND	ND	ND	ND	ND	ND	2.2	174
11/18/18 05:00 AM	18500	351	2.24	ND	ND	ND	ND	ND	ND	ND	2.9	48
11/18/18 05:30 AM	18636	349	2.24	ND	ND	ND	ND	ND	ND	ND	5.0	58
11/18/18 06:00 AM	18474	348	2.24	ND	ND	ND	ND	ND	ND	ND	4.7	66
11/18/18 06:30 AM	18594	350	2.24	ND	ND	ND	ND	ND	ND	ND	4.1	57
11/18/18 07:00 AM	18453	351	2.30	ND	ND	ND	ND	ND	ND	ND	4.3	59
11/18/18 07:30 AM	18329	350	2.26	ND	ND	ND	ND	ND	ND	ND	3.9	62
11/18/18 08:00 AM	18331	350	2.23	ND	ND	ND	ND	ND	ND	ND	3.6	62
11/18/18 08:30 AM	18452	352	2.27	ND	ND	ND	ND	ND	ND	ND	4.6	67
11/18/18 09:00 AM	18006	322	2.20	ND	ND	ND	ND	ND	ND	ND	3.3	188
11/18/18 09:30 AM	17982	321	2.18	ND	ND	ND	ND	ND	ND	ND	2.2	126
11/18/18 10:00 AM	18929	340	2.19	ND	ND	ND	ND	ND	ND	ND	3.5	92
11/18/18 10:30 AM	19669	333	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	100
11/18/18 11:00 AM	19833	332	2.19	ND	ND	ND	ND	ND	ND	ND	6.0	102
11/18/18 11:30 AM	19689	332	2.19	ND	ND	ND	ND	ND	ND	ND	6.3	98
11/18/18 12:00 PM	19602	333	2.21	ND	ND	ND	ND	ND	ND	0.00267	6.6	100
11/18/18 12:30 PM	17345	332	2.34	ND	ND	ND	ND	ND	ND	ND	6.7	282
11/18/18 01:00 PM	14316	323	2.35	ND	ND	ND	ND	ND	ND	ND	9.0	345
11/18/18 01:30 PM	13036	311	2.32	ND	ND	ND	ND	ND	ND	ND	9.7	350
11/18/18 02:00 PM	12257	292	2.27	ND	ND	ND	ND	ND	ND	ND	9.8	349
11/18/18 02:30 PM	12433	335	2.34	ND	ND	ND	ND	ND	ND	ND	7.8	347
11/18/18 03:00 PM	12351	345	2.38	ND	ND	ND	ND	ND	ND	ND	6.8	347
11/18/18 03:30 PM	12083	344	2.40	ND	ND	ND	0.00110	ND	ND	ND	8.1	348
11/18/18 04:00 PM	11829	347	2.37	ND	ND	ND	ND	ND	ND	ND	9.6	351
11/18/18 04:30 PM	11621	348	2.35	ND	ND	ND	ND	ND	ND	ND	10.5	352
11/18/18 05:00 PM	11369	343	2.35	ND	ND	ND	ND	ND	ND	ND	9.9	356
11/18/18 05:30 PM	11307	345	2.37	ND	ND	ND	ND	ND	ND	ND	9.5	297
11/18/18 06:00 PM	11265	343	2.37	ND	ND	ND	ND	ND	ND	ND	7.6	351
11/18/18 06:30 PM	11173	340	2.35	ND	ND	ND	ND	ND	ND	ND	8.3	350
11/18/18 07:00 PM	11053	344	2.35	ND	ND	ND	ND	ND	ND	ND	8.7	349
11/18/18 07:30 PM	11086	347	2.38	ND	ND	ND	ND	ND	ND	ND	8.6	349
11/18/18 08:00 PM	11018	341	2.41	ND	ND	ND	ND	ND	ND	ND	10.7	354
11/18/18 08:30 PM	10921	345	2.37	ND	ND	ND	ND	ND	ND	ND	10.0	352
11/18/18 09:00 PM	10899	350	2.36	ND	ND	ND	ND	ND	ND	ND	8.0	351
11/18/18 09:30 PM	10727	345	2.35	ND	ND	ND	ND	ND	ND	ND	8.2	350
11/18/18 10:00 PM	10570	344	2.38	ND	ND	ND	ND	ND	ND	ND	8.3	350
11/18/18 10:30 PM	10553	345	2.39	ND	ND	ND	ND	ND	ND	ND	7.7	347
11/18/18 11:00 PM	10480	344	2.38	ND	ND	ND	ND	ND	ND	ND	7.2	350
11/18/18 11:30 PM	10062	305	2.29	ND	ND	ND	ND	ND	ND	ND	8.2	353
11/19/18 12:00 AM	10288	339	2.36	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	14893	340	2.29	BDL	BDL	BDL	0.00002	BDL	BDL	0.00006	4.5	11
Maximum Value	19833	352	2.41	BDL	BDL	BDL	0.00110	BDL	BDL	0.00267		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/19/18 12:30 AM	10245	338	2.36	ND	ND	ND	ND	ND	ND	ND	8.0	350
11/19/18 01:00 AM	10212	343	2.35	ND	ND	ND	ND	ND	ND	ND	6.5	344
11/19/18 01:30 AM	10141	345	2.37	ND	ND	ND	ND	ND	ND	ND	7.6	346
11/19/18 02:00 AM	10142	341	2.42	ND	ND	ND	ND	ND	ND	ND	7.5	345
11/19/18 02:30 AM	10064	339	2.37	ND	ND	ND	ND	ND	ND	ND	7.7	345
11/19/18 03:00 AM	9998	341	2.37	ND	ND	ND	ND	ND	ND	ND	7.9	345
11/19/18 03:30 AM	9901	341	2.37	ND	ND	ND	ND	ND	ND	ND	8.6	349
11/19/18 04:00 AM	9900	340	2.37	ND	ND	ND	ND	ND	ND	ND	7.8	346
11/19/18 04:30 AM	9925	334	2.37	ND	ND	ND	ND	ND	ND	ND	9.0	346
11/19/18 05:00 AM	10003	328	2.37	ND	ND	ND	ND	ND	ND	ND	8.5	345
11/19/18 05:30 AM	9850	329	2.36	ND	ND	ND	ND	ND	ND	ND	7.2	345
11/19/18 06:00 AM	9488	313	2.33	ND	ND	ND	ND	ND	ND	ND	7.2	343
11/19/18 06:30 AM	9378	325	2.36	ND	ND	ND	ND	ND	ND	ND	7.0	340
11/19/18 07:00 AM	8327	238	2.09	ND	ND	ND	ND	ND	ND	ND	6.2	342
11/19/18 07:30 AM	8731	271	2.18	ND	ND	ND	ND	ND	ND	ND	7.5	343
11/19/18 08:00 AM	8442	256	2.18	ND	ND	ND	ND	ND	ND	ND	8.5	343
11/19/18 08:30 AM	9312	323	2.34	ND	ND	ND	ND	ND	ND	ND	7.9	348
11/19/18 09:00 AM	9479	339	2.36	ND	ND	ND	ND	ND	ND	ND	8.9	345
11/19/18 09:30 AM	9498	340	2.40	ND	ND	ND	ND	ND	ND	ND	7.4	341
11/19/18 10:00 AM	9445	342	2.39	ND	ND	ND	ND	ND	ND	ND	8.6	351
11/19/18 10:30 AM	9546	340	2.39	ND	ND	ND	ND	ND	ND	ND	8.6	345
11/19/18 11:00 AM	9719	342	2.39	ND	ND	ND	ND	ND	ND	ND	8.0	344
11/19/18 11:30 AM	9765	340	2.38	ND	ND	ND	ND	ND	ND	ND	8.0	346
11/19/18 12:00 PM	9855	338	2.38	ND	ND	ND	ND	ND	ND	ND	7.5	345
11/19/18 12:30 PM	9897	336	2.38	ND	ND	ND	ND	ND	ND	ND	7.2	340
11/19/18 01:00 PM	9980	332	2.35	ND	ND	ND	ND	ND	ND	ND	6.2	342
11/19/18 01:30 PM	10134	335	2.36	ND	ND	ND	ND	ND	ND	ND	8.0	344
11/19/18 02:00 PM	10324	339	2.37	ND	ND	ND	ND	ND	ND	ND	7.0	344
11/19/18 02:30 PM	10458	344	2.36	ND	ND	ND	ND	ND	ND	ND	6.3	340
11/19/18 03:00 PM	10460	344	2.37	ND	ND	ND	ND	ND	ND	ND	6.8	343
11/19/18 03:30 PM	10575	341	2.37	ND	ND	ND	ND	ND	ND	ND	6.4	346
11/19/18 04:00 PM	10725	342	2.37	ND	ND	ND	ND	ND	ND	ND	7.1	348
11/19/18 04:30 PM	10593	342	2.34	ND	ND	ND	ND	ND	ND	ND	6.6	341
11/19/18 05:00 PM	10598	338	2.47	ND	ND	ND	ND	ND	ND	ND	6.3	346
11/19/18 05:30 PM	10610	339	2.34	ND	ND	ND	ND	ND	ND	ND	5.5	347
11/19/18 06:00 PM	10638	342	2.40	ND	ND	ND	ND	ND	ND	ND	6.2	347
11/19/18 06:30 PM	10688	338	2.44	ND	ND	ND	ND	ND	ND	ND	6.7	346
11/19/18 07:00 PM	10563	334	2.36	ND	ND	ND	ND	ND	ND	ND	6.8	346
11/19/18 07:30 PM	10335	331	2.35	ND	ND	ND	ND	ND	ND	ND	5.6	338
11/19/18 08:00 PM	10202	336	2.33	ND	ND	ND	ND	ND	ND	ND	7.3	347
11/19/18 08:30 PM	10120	335	2.35	ND	ND	ND	ND	ND	ND	ND	6.5	348
11/19/18 09:00 PM	10056	339	2.39	ND	ND	ND	ND	ND	ND	ND	4.7	336
11/19/18 09:30 PM	10069	339	2.37	ND	ND	ND	ND	ND	ND	ND	5.1	341
11/19/18 10:00 PM	10240	341	2.40	ND	ND	ND	ND	ND	ND	ND	3.7	336
11/19/18 10:30 PM	10253	341	2.39	ND	ND	ND	ND	ND	ND	ND	5.6	343
11/19/18 11:00 PM	10085	346	2.42	ND	ND	ND	ND	ND	ND	ND	5.8	342
11/19/18 11:30 PM	9605	346	2.40	ND	ND	ND	ND	ND	ND	ND	6.8	343
11/20/18 12:00 AM	9389	346	2.42	ND	ND	ND	ND	ND	ND	ND	6.6	343

## Daily Processed Summary (Average, Maximum)

Average	9958	333	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.0	344
Maximum Value	10725	346	2.47	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/20/18 12:30 AM	9339	343	2.45	ND	ND	ND	ND	ND	ND	ND	6.4	344
11/20/18 01:00 AM	9196	345	2.49	ND	ND	ND	ND	ND	ND	ND	7.1	346
11/20/18 01:30 AM	9069	342	2.42	ND	ND	ND	ND	ND	ND	ND	7.2	345
11/20/18 02:00 AM	8866	339	2.42	ND	ND	ND	ND	ND	ND	ND	7.8	348
11/20/18 02:30 AM	8828	340	2.41	ND	ND	ND	ND	ND	ND	ND	7.4	349
11/20/18 03:00 AM	8783	340	2.40	ND	ND	ND	ND	ND	ND	ND	7.4	349
11/20/18 03:30 AM	8595	339	2.38	ND	ND	ND	ND	ND	ND	ND	8.6	349
11/20/18 04:00 AM	8415	342	2.37	ND	ND	ND	ND	ND	ND	ND	8.2	349
11/20/18 04:30 AM	8288	344	2.36	ND	ND	ND	ND	ND	ND	ND	7.9	350
11/20/18 05:00 AM	8056	345	2.34	ND	ND	ND	ND	ND	ND	ND	9.0	349
11/20/18 05:30 AM	7979	346	2.33	ND	ND	ND	ND	ND	ND	ND	7.6	348
11/20/18 06:00 AM	7944	346	2.34	ND	ND	ND	ND	ND	ND	ND	6.8	347
11/20/18 06:30 AM	7856	345	2.34	ND	ND	ND	ND	ND	ND	ND	6.7	343
11/20/18 07:00 AM	7777	345	2.34	ND	ND	ND	ND	ND	ND	ND	7.5	349
11/20/18 07:30 AM	7822	343	2.36	ND	ND	ND	ND	ND	ND	ND	7.3	349
11/20/18 08:00 AM	7829	345	2.36	ND	ND	ND	ND	ND	ND	ND	7.0	350
11/20/18 08:30 AM	7564	347	2.35	ND	ND	ND	ND	ND	ND	ND	8.6	350
11/20/18 09:00 AM	7360	343	2.32	ND	ND	ND	ND	ND	ND	ND	9.1	355
11/20/18 09:30 AM	7289	344	2.32	ND	ND	ND	ND	ND	ND	ND	9.4	297
11/20/18 10:00 AM	7301	344	2.31	ND	ND	ND	ND	ND	ND	ND	10.2	299
11/20/18 10:30 AM	7418	346	2.31	ND	ND	ND	ND	ND	ND	ND	10.3	181
11/20/18 11:00 AM	7680	350	2.30	ND	ND	ND	ND	ND	ND	ND	8.9	353
11/20/18 11:30 AM	7781	353	2.31	ND	ND	ND	ND	ND	ND	ND	8.9	348
11/20/18 12:00 PM	7719	353	2.29	ND	ND	ND	ND	ND	ND	ND	8.3	297
11/20/18 12:30 PM	7749	354	2.32	ND	ND	ND	ND	ND	ND	ND	8.5	352
11/20/18 01:00 PM	7658	351	2.30	ND	ND	ND	ND	ND	ND	ND	9.0	350
11/20/18 01:30 PM	7544	346	2.25	ND	ND	ND	ND	ND	ND	ND	8.1	293
11/20/18 02:00 PM	7533	349	2.24	ND	ND	ND	ND	ND	ND	ND	7.0	290
11/20/18 02:30 PM	7647	349	2.24	ND	ND	ND	ND	ND	ND	ND	7.0	346
11/20/18 03:00 PM	7658	348	2.23	ND	ND	ND	ND	ND	ND	ND	7.0	350
11/20/18 03:30 PM	7621	349	2.22	ND	ND	ND	ND	ND	ND	ND	6.0	341
11/20/18 04:00 PM	7580	349	2.22	ND	ND	ND	ND	ND	ND	ND	6.4	343
11/20/18 04:30 PM	7673	352	2.22	ND	ND	ND	ND	ND	ND	ND	5.5	350
11/20/18 05:00 PM	7978	353	2.23	ND	ND	ND	ND	ND	ND	ND	4.4	337
11/20/18 05:30 PM	8153	348	2.26	ND	ND	ND	ND	ND	ND	ND	3.3	331
11/20/18 06:00 PM	8268	345	2.49	ND	ND	ND	ND	ND	ND	ND	3.7	337
11/20/18 06:30 PM	8355	346	2.44	ND	ND	ND	ND	ND	ND	ND	4.3	343
11/20/18 07:00 PM	8241	347	2.36	ND	ND	ND	ND	ND	ND	ND	3.7	337
11/20/18 07:30 PM	8055	350	2.40	ND	ND	ND	0.00101	ND	ND	ND	4.8	346
11/20/18 08:00 PM	7860	351	2.29	ND	ND	ND	ND	ND	ND	ND	6.1	349
11/20/18 08:30 PM	7863	352	2.30	ND	ND	ND	ND	ND	ND	ND	6.6	353
11/20/18 09:00 PM	7953	349	2.30	ND	ND	ND	0.00096	ND	ND	ND	6.6	353
11/20/18 09:30 PM	8100	349	2.31	ND	ND	ND	ND	ND	ND	ND	4.6	352
11/20/18 10:00 PM	8221	349	2.31	ND	ND	ND	ND	ND	ND	ND	4.3	299
11/20/18 10:30 PM	8274	354	2.30	ND	ND	ND	ND	ND	ND	ND	4.5	5
11/20/18 11:00 PM	7936	354	2.31	ND	ND	ND	ND	ND	ND	ND	4.9	22
11/20/18 11:30 PM	7922	356	0.00452	ND	ND	ND	ND	ND	ND	ND	6.2	31
11/21/18 12:00 AM	8098	355	2.37	ND	ND	ND	ND	ND	ND	ND	6.1	34

## Daily Processed Summary (Average, Maximum)

Average	8015	347	2.33	0.00009	BDL	BDL	0.00004	BDL	BDL	BDL	6.0	343
Maximum Value	9339	356	2.49	0.00452	BDL	BDL	0.00101	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCI_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/21/18 12:30 AM	8450	352	2.38	ND	ND	ND	ND	ND	ND	ND	5.9	32
11/21/18 01:00 AM	8572	352	2.39	ND	ND	ND	ND	ND	ND	ND	6.1	33
11/21/18 01:30 AM	8748	347	2.38	ND	ND	ND	ND	ND	ND	ND	5.7	36
11/21/18 02:00 AM	8641	351	2.42	ND	ND	ND	ND	ND	ND	ND	7.2	36
11/21/18 02:30 AM	8454	347	2.40	ND	ND	ND	ND	ND	ND	ND	7.6	30
11/21/18 03:00 AM	8398	346	2.40	ND	ND	ND	ND	ND	ND	ND	9.1	28
11/21/18 03:30 AM	8582	351	2.40	ND	ND	ND	ND	ND	ND	0.00349	5.6	57
11/21/18 04:00 AM	8745	349	2.47	ND	ND	ND	ND	ND	ND	ND	4.1	42
11/21/18 04:30 AM	8637	343	2.46	ND	ND	ND	ND	ND	ND	ND	5.5	31
11/21/18 05:00 AM	8591	343	2.46	ND	ND	ND	ND	ND	ND	ND	6.0	30
11/21/18 05:30 AM	8607	349	2.45	ND	ND	ND	ND	ND	ND	ND	8.0	24
11/21/18 06:00 AM	8584	345	2.48	ND	ND	ND	ND	ND	ND	ND	6.7	35
11/21/18 06:30 AM	8835	352	2.51	ND	ND	ND	ND	ND	ND	ND	5.8	12
11/21/18 07:00 AM	8856	347	2.54	ND	ND	ND	ND	ND	ND	ND	5.8	295
11/21/18 07:30 AM	8982	351	2.55	ND	ND	ND	ND	ND	ND	ND	5.0	70
11/21/18 08:00 AM	8928	354	2.55	ND	ND	ND	ND	ND	ND	ND	6.9	28
11/21/18 08:30 AM	8881	347	2.53	ND	ND	ND	ND	ND	ND	ND	6.7	28
11/21/18 09:00 AM	8962	348	2.52	ND	ND	ND	ND	ND	ND	ND	7.6	30
11/21/18 09:30 AM	9062	345	2.52	ND	ND	ND	ND	ND	ND	ND	6.0	29
11/21/18 10:00 AM	9270	344	2.47	ND	ND	ND	ND	ND	ND	ND	6.7	30
11/21/18 10:30 AM	9588	346	2.43	ND	ND	ND	ND	ND	ND	ND	7.0	31
11/21/18 11:00 AM	10008	343	2.38	0.00473	ND	ND	ND	ND	ND	ND	7.0	27
11/21/18 11:30 AM	10388	350	2.38	ND	ND	ND	ND	ND	ND	ND	5.7	23
11/21/18 12:00 PM	10525	351	2.37	ND	ND	ND	ND	ND	ND	ND	5.9	19
11/21/18 12:30 PM	10550	343	2.36	ND	ND	ND	ND	ND	ND	ND	4.9	240
11/21/18 01:00 PM	11298	345	2.35	ND	ND	ND	ND	ND	ND	ND	4.3	73
11/21/18 01:30 PM	11005	346	2.33	ND	ND	ND	ND	ND	ND	ND	4.9	66
11/21/18 02:00 PM	10697	343	2.34	ND	ND	ND	ND	ND	ND	ND	5.7	350
11/21/18 02:30 PM	10566	339	2.35	ND	ND	ND	ND	ND	ND	ND	8.1	351
11/21/18 03:00 PM	10352	342	2.37	ND	ND	ND	ND	ND	ND	ND	9.6	356
11/21/18 03:30 PM	10279	343	2.35	ND	ND	ND	ND	ND	ND	ND	7.6	297
11/21/18 04:00 PM	10467	342	2.35	ND	ND	ND	ND	ND	ND	ND	8.8	64
11/21/18 04:30 PM	10694	344	2.35	ND	ND	ND	ND	ND	ND	ND	9.6	8
11/21/18 05:00 PM	10765	352	2.33	ND	ND	ND	ND	ND	ND	ND	8.1	14
11/21/18 05:30 PM	10582	351	2.31	ND	ND	ND	ND	ND	ND	ND	9.1	9
11/21/18 06:00 PM	10346	342	2.30	ND	ND	ND	ND	ND	ND	ND	8.3	178
11/21/18 06:30 PM	10638	344	2.34	ND	ND	ND	ND	ND	ND	ND	7.9	123
11/21/18 07:00 PM	10700	342	2.33	ND	ND	ND	ND	ND	ND	ND	7.2	127
11/21/18 07:30 PM	10667	324	2.29	ND	ND	ND	ND	ND	ND	ND	8.1	12
11/21/18 08:00 PM	10592	329	2.29	ND	ND	ND	ND	ND	ND	ND	9.5	353
11/21/18 08:30 PM	10105	346	2.30	ND	ND	0.00538	ND	ND	ND	ND	9.0	5
11/21/18 09:00 PM	10107	350	2.32	ND	ND	ND	ND	ND	ND	ND	8.8	5
11/21/18 09:30 PM	10511	339	2.31	ND	ND	ND	ND	ND	ND	ND	5.8	346
11/21/18 10:00 PM	10880	337	2.36	ND	ND	ND	ND	ND	ND	ND	7.8	234
11/21/18 10:30 PM	10826	339	2.39	0.00495	ND	ND	ND	ND	ND	ND	8.1	180
11/21/18 11:00 PM	10916	339	2.40	ND	ND	ND	ND	ND	ND	ND	6.6	354
11/21/18 11:30 PM	10961	349	2.41	ND	ND	ND	ND	ND	ND	ND	6.1	14
11/22/18 12:00 AM	10999	353	2.41	ND	ND	ND	ND	ND	ND	ND	5.1	20

## Daily Processed Summary (Average, Maximum)

Average	9808	345	2.40	0.00020	BDL	0.00011	BDL	BDL	BDL	0.00007	4.8	22
Maximum Value	11298	354	2.55	0.00495	BDL	0.00538	BDL	BDL	BDL	0.00349		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/22/18 12:30 AM	11022	351	2.42	ND	ND	ND	ND	ND	ND	ND	3.9	123
11/22/18 01:00 AM	10921	345	2.42	ND	ND	ND	ND	ND	ND	ND	5.1	23
11/22/18 01:30 AM	10895	345	2.44	ND	ND	ND	ND	ND	ND	ND	5.9	28
11/22/18 02:00 AM	10987	350	2.48	ND	ND	ND	ND	ND	ND	ND	5.0	44
11/22/18 02:30 AM	10737	347	2.44	ND	ND	ND	ND	ND	ND	ND	6.2	27
11/22/18 03:00 AM	10653	346	2.39	ND	ND	ND	ND	ND	ND	ND	6.7	27
11/22/18 03:30 AM	10824	343	2.41	ND	ND	ND	ND	ND	ND	ND	4.9	37
11/22/18 04:00 AM	10939	337	2.39	ND	ND	ND	ND	ND	ND	ND	4.5	47
11/22/18 04:30 AM	10974	341	2.37	ND	ND	ND	ND	ND	ND	ND	5.3	23
11/22/18 05:00 AM	10987	341	2.35	ND	ND	ND	ND	ND	ND	ND	4.8	18
11/22/18 05:30 AM	11159	343	2.35	ND	ND	ND	ND	ND	ND	ND	3.3	335
11/22/18 06:00 AM	11170	344	2.36	ND	ND	ND	ND	ND	ND	ND	3.1	339
11/22/18 06:30 AM	11074	341	2.35	ND	ND	ND	ND	ND	ND	ND	4.1	344
11/22/18 07:00 AM	11135	340	2.41	ND	ND	ND	ND	ND	ND	ND	3.4	339
11/22/18 07:30 AM	10965	306	2.40	ND	ND	ND	ND	ND	ND	ND	5.3	347
11/22/18 08:00 AM	11100	331	2.40	ND	ND	ND	ND	ND	ND	ND	7.6	353
11/22/18 08:30 AM	11314	345	2.39	ND	ND	ND	ND	ND	ND	ND	7.5	121
11/22/18 09:00 AM	11407	347	2.40	ND	ND	ND	ND	ND	ND	ND	7.6	3
11/22/18 09:30 AM	11587	350	2.40	ND	ND	ND	ND	ND	ND	ND	7.0	4
11/22/18 10:00 AM	11708	351	2.38	ND	ND	ND	ND	ND	ND	ND	7.1	9
11/22/18 10:30 AM	11768	348	2.36	ND	ND	ND	ND	ND	ND	ND	7.3	181
11/22/18 11:00 AM	11744	350	2.32	ND	ND	ND	ND	ND	ND	ND	6.7	21
11/22/18 11:30 AM	11570	348	2.30	ND	ND	ND	ND	ND	ND	ND	6.5	39
11/22/18 12:00 PM	11659	349	2.29	ND	ND	ND	ND	ND	ND	ND	5.5	38
11/22/18 12:30 PM	11749	350	2.29	ND	ND	ND	ND	ND	ND	ND	5.4	47
11/22/18 01:00 PM	11919	351	2.34	ND	ND	ND	ND	ND	ND	ND	5.4	31
11/22/18 01:30 PM	11861	351	2.34	ND	ND	ND	ND	ND	ND	ND	5.1	40
11/22/18 02:00 PM	11799	350	2.34	ND	ND	ND	ND	ND	ND	ND	5.4	46
11/22/18 02:30 PM	11865	351	2.33	ND	ND	ND	ND	ND	ND	ND	3.7	51
11/22/18 03:00 PM	11504	353	2.27	ND	ND	ND	ND	ND	ND	ND	5.2	56
11/22/18 03:30 PM	11750	352	2.28	ND	0.00412	ND	ND	ND	ND	ND	4.2	51
11/22/18 04:00 PM	11813	354	2.27	ND	0.00373	ND	ND	ND	ND	ND	4.0	59
11/22/18 04:30 PM	11674	353	2.26	ND	ND	ND	ND	ND	ND	ND	2.7	47
11/22/18 05:00 PM	11789	354	2.26	ND	ND	ND	ND	ND	ND	ND	3.0	67
11/22/18 05:30 PM	11663	356	2.26	0.00465	ND	ND	ND	ND	ND	ND	3.4	29
11/22/18 06:00 PM	11495	351	2.26	ND	ND	ND	ND	ND	ND	ND	3.7	34
11/22/18 06:30 PM	11496	351	2.27	ND	ND	ND	ND	ND	ND	ND	3.4	34
11/22/18 07:00 PM	11186	348	2.28	ND	ND	ND	ND	ND	ND	ND	4.7	25
11/22/18 07:30 PM	11006	349	2.25	ND	ND	ND	ND	ND	ND	ND	4.2	38
11/22/18 08:00 PM	11050	351	2.34	ND	ND	ND	ND	ND	ND	ND	5.4	56
11/22/18 08:30 PM	11168	345	2.28	ND	ND	ND	ND	ND	ND	ND	6.3	56
11/22/18 09:00 PM	11025	345	2.27	ND	ND	ND	ND	ND	ND	ND	6.2	57
11/22/18 09:30 PM	11045	345	2.31	ND	ND	ND	ND	ND	ND	ND	4.9	49
11/22/18 10:00 PM	11331	344	2.34	ND	ND	ND	ND	ND	ND	ND	4.0	20
11/22/18 10:30 PM	12013	346	2.34	ND	ND	ND	ND	ND	ND	ND	4.2	30
11/22/18 11:00 PM	12417	345	2.32	ND	ND	ND	ND	ND	ND	ND	4.7	48
11/22/18 11:30 PM	12574	348	2.35	ND	ND	ND	ND	ND	ND	ND	5.7	51
11/23/18 12:00 AM	12755	349	2.39	ND	ND	ND	ND	ND	ND	ND	6.8	55

Daily Processed Summary (Average, Maximum)

Average	11422	347	2.34	0.00010	0.00016	BDL	BDL	BDL	BDL	BDL	4.3	35
Maximum Value	12755	356	2.48	0.00465	0.00412	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

	timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
	11/23/18 12:30 AM	12981	348	2.38	ND	ND	ND	ND	ND	ND	ND	6.3	53
	11/23/18 01:00 AM	13311	348	2.39	ND	ND	ND	ND	ND	ND	ND	7.6	54
	11/23/18 01:30 AM	13514	348	2.40	ND	ND	ND	ND	ND	ND	ND	7.1	57
	11/23/18 02:00 AM	13464	342	2.33	ND	ND	ND	ND	ND	ND	ND	6.2	64
	11/23/18 02:30 AM	13695	343	2.32	ND	ND	ND	ND	ND	ND	ND	5.4	56
	11/23/18 03:00 AM	13820	339	2.30	ND	ND	ND	ND	ND	ND	ND	5.9	58
	11/23/18 03:30 AM	13758	336	2.30	ND	ND	ND	ND	ND	ND	ND	6.5	63
	11/23/18 04:00 AM	13940	342	2.29	ND	ND	ND	ND	ND	ND	ND	5.7	60
	11/23/18 04:30 AM	14123	342	2.29	ND	ND	ND	ND	ND	ND	ND	5.1	59
	11/23/18 05:00 AM	14117	339	2.27	ND	ND	ND	ND	ND	ND	ND	5.8	65
	11/23/18 05:30 AM	14170	340	2.27	ND	ND	ND	ND	ND	ND	ND	5.3	65
	11/23/18 06:00 AM	14250	342	2.28	ND	ND	ND	ND	ND	ND	ND	5.1	68
	11/23/18 06:30 AM	14364	343	2.29	ND	ND	ND	ND	ND	ND	ND	5.2	66
	11/23/18 07:00 AM	14622	340	2.27	ND	ND	ND	ND	ND	ND	ND	5.0	61
	11/23/18 07:30 AM	14968	338	2.31	ND	ND	ND	ND	ND	ND	ND	4.5	50
	11/23/18 08:00 AM	15993	344	2.30	ND	ND	ND	ND	ND	ND	ND	3.3	30
	11/23/18 08:30 AM	16245	348	2.31	ND	ND	ND	ND	ND	ND	ND	3.4	29
	11/23/18 09:00 AM	16049	343	2.35	ND	ND	ND	ND	ND	ND	ND	3.7	293
	11/23/18 09:30 AM	16358	342	2.37	ND	ND	0.00518	ND	ND	ND	ND	2.3	131
	11/23/18 10:00 AM	17024	344	2.36	ND	ND	0.00658	ND	ND	ND	ND	2.7	108
	11/23/18 10:30 AM	17768	343	2.31	ND	ND	ND	ND	ND	ND	ND	3.0	138
	11/23/18 11:00 AM	18298	347	2.38	0.00455	ND	ND	ND	ND	ND	0.00232	3.4	271
	11/23/18 11:30 AM	17839	346	2.35	ND	ND	ND	ND	ND	ND	ND	4.2	264
	11/23/18 12:00 PM	18232	346	2.32	ND	ND	ND	ND	ND	ND	ND	3.6	247
	11/23/18 12:30 PM	19211	343	2.27	ND	ND	ND	ND	ND	ND	ND	3.7	247
	11/23/18 01:00 PM	20190	345	2.23	ND	ND	ND	ND	ND	ND	ND	2.8	260
	11/23/18 01:30 PM	20159	343	2.26	ND	ND	ND	ND	ND	ND	ND	3.0	266
	11/23/18 02:00 PM	20183	347	2.30	ND	ND	ND	ND	ND	ND	ND	4.2	261
	11/23/18 02:30 PM	20346	349	2.26	ND	ND	ND	ND	ND	ND	ND	4.2	249
	11/23/18 03:00 PM	19867	348	2.23	ND	ND	ND	ND	ND	ND	ND	3.9	249
	11/23/18 03:30 PM	18933	346	2.21	ND	ND	ND	ND	ND	ND	ND	4.8	255
	11/23/18 04:00 PM	18721	350	2.23	ND	ND	ND	ND	ND	ND	ND	4.3	239
	11/23/18 04:30 PM	18456	346	2.27	ND	ND	ND	ND	ND	ND	ND	4.0	234
	11/23/18 05:00 PM	18171	348	2.30	ND	ND	ND	ND	ND	ND	ND	4.4	245
	11/23/18 05:30 PM	17694	346	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	254
	11/23/18 06:00 PM	17636	347	2.29	ND	ND	ND	ND	ND	ND	ND	3.4	243
	11/23/18 06:30 PM	17666	347	2.31	ND	ND	ND	ND	ND	ND	ND	2.2	256
	11/23/18 07:00 PM	17510	347	2.31	ND	ND	ND	ND	ND	ND	ND	3.2	259
	11/23/18 07:30 PM	17547	350	2.34	ND	ND	ND	ND	ND	ND	ND	2.4	272
	11/23/18 08:00 PM	17180	349	2.36	ND	ND	ND	ND	ND	ND	0.00248	2.2	241
	11/23/18 08:30 PM	17182	351	2.47	ND	ND	ND	ND	ND	ND	ND	1.4	194
	11/23/18 09:00 PM	17142	350	2.52	ND	ND	ND	ND	ND	ND	ND	2.5	190
	11/23/18 09:30 PM	17265	350	2.43	ND	ND	ND	ND	ND	ND	ND	2.4	187
	11/23/18 10:00 PM	16887	347	2.39	ND	ND	ND	ND	ND	ND	ND	2.0	182
	11/23/18 10:30 PM	16563	348	2.42	ND	ND	ND	ND	ND	ND	ND	2.1	205
	11/23/18 11:00 PM	16252	348	2.47	ND	ND	ND	ND	ND	ND	ND	1.0	221
	11/23/18 11:30 PM	16156	346	2.53	ND	ND	ND	ND	ND	ND	ND	1.7	212
	11/24/18 12:00 AM	16033	349	2.58	ND	ND	ND	ND	ND	ND	ND	1.5	211

## Daily Processed Summary (Average, Maximum)

Average	16580	345	2.33	0.00009	BDL	0.00025	BDL	BDL	BDL	0.00010	0.4	46
Maximum Value	20346	351	2.58	0.00455	BDL	0.00658	BDL	BDL	BDL	0.00248		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/24/18 12:30 AM	15872	347	2.61	ND	ND	ND	ND	ND	ND	ND	2.0	185
11/24/18 01:00 AM	15785	347	2.55	ND	ND	ND	ND	ND	ND	ND	1.8	183
11/24/18 01:30 AM	15726	347	2.60	ND	ND	ND	ND	ND	ND	ND	1.4	211
11/24/18 02:00 AM	15452	346	2.68	ND	ND	ND	ND	ND	ND	ND	1.0	201
11/24/18 02:30 AM	15308	341	2.62	ND	ND	ND	ND	ND	ND	ND	1.4	195
11/24/18 03:00 AM	15385	342	2.64	ND	ND	ND	ND	ND	ND	ND	1.7	180
11/24/18 03:30 AM	15470	347	2.55	ND	ND	ND	ND	ND	ND	ND	1.9	191
11/24/18 04:00 AM	15321	346	2.55	ND	ND	ND	ND	ND	ND	ND	2.0	177
11/24/18 04:30 AM	15152	342	2.53	ND	ND	ND	ND	ND	ND	ND	2.0	163
11/24/18 05:00 AM	14856	343	2.70	ND	ND	ND	ND	ND	ND	ND	2.8	162
11/24/18 05:30 AM	14373	340	2.61	ND	ND	ND	ND	ND	ND	ND	2.6	154
11/24/18 06:00 AM	13918	324	2.59	ND	ND	ND	ND	ND	ND	ND	1.8	174
11/24/18 06:30 AM	12428	252	2.28	ND	ND	ND	ND	ND	ND	ND	1.3	178
11/24/18 07:00 AM	12715	270	2.29	ND	ND	ND	ND	ND	ND	ND	0.9	206
11/24/18 07:30 AM	13715	333	2.57	ND	ND	ND	ND	ND	ND	ND	2.0	202
11/24/18 08:00 AM	14128	347	2.67	ND	ND	ND	ND	ND	ND	ND	2.1	216
11/24/18 08:30 AM	14332	350	2.75	ND	ND	ND	ND	ND	ND	ND	1.4	213
11/24/18 09:00 AM	14367	350	2.78	ND	ND	ND	ND	ND	ND	ND	1.7	218
11/24/18 09:30 AM	14012	350	2.79	ND	ND	ND	ND	ND	ND	ND	2.0	233
11/24/18 10:00 AM	14199	353	2.81	ND	ND	ND	ND	ND	ND	ND	2.3	232
11/24/18 10:30 AM	14433	350	2.78	ND	ND	ND	ND	ND	ND	ND	1.8	177
11/24/18 11:00 AM	14755	353	2.77	ND	ND	ND	ND	ND	ND	ND	1.0	174
11/24/18 11:30 AM	15030	355	2.71	ND	ND	ND	ND	ND	ND	ND	1.2	145
11/24/18 12:00 PM	14988	354	2.62	ND	ND	ND	ND	ND	ND	ND	1.2	133
11/24/18 12:30 PM	15412	355	2.66	ND	ND	ND	ND	ND	ND	ND	1.6	242
11/24/18 01:00 PM	15551	357	2.83	ND	ND	ND	ND	ND	ND	ND	1.7	260
11/24/18 01:30 PM	14957	353	2.65	ND	ND	ND	ND	ND	ND	ND	1.2	181
11/24/18 02:00 PM	15008	351	2.58	ND	ND	ND	ND	ND	ND	ND	1.6	260
11/24/18 02:30 PM	14080	355	2.43	ND	ND	ND	ND	ND	ND	ND	1.6	282
11/24/18 03:00 PM	14670	353	2.35	ND	ND	ND	ND	ND	ND	ND	1.3	163
11/24/18 03:30 PM	16735	356	2.49	ND	ND	ND	ND	ND	ND	ND	2.9	142
11/24/18 04:00 PM	16776	356	2.42	ND	ND	ND	ND	ND	ND	ND	2.6	176
11/24/18 04:30 PM	17596	353	2.45	ND	ND	ND	ND	ND	ND	ND	3.9	107
11/24/18 05:00 PM	17772	351	2.51	ND	ND	ND	ND	ND	ND	ND	3.5	106
11/24/18 05:30 PM	17664	350	2.52	ND	ND	ND	ND	ND	ND	ND	3.0	107
11/24/18 06:00 PM	17438	349	2.54	ND	ND	ND	ND	ND	ND	ND	2.8	86
11/24/18 06:30 PM	17161	349	2.48	ND	ND	ND	ND	ND	ND	ND	2.6	89
11/24/18 07:00 PM	16782	346	2.42	ND	ND	ND	ND	ND	ND	ND	3.0	92
11/24/18 07:30 PM	16638	352	2.44	ND	ND	ND	ND	ND	ND	ND	3.2	102
11/24/18 08:00 PM	16529	351	2.47	ND	ND	ND	ND	ND	ND	ND	3.2	115
11/24/18 08:30 PM	16568	347	2.47	ND	ND	ND	ND	ND	ND	ND	3.4	111
11/24/18 09:00 PM	16616	344	2.40	ND	ND	ND	ND	ND	ND	ND	4.1	119
11/24/18 09:30 PM	16455	317	2.24	ND	ND	ND	ND	ND	ND	ND	4.9	117
11/24/18 10:00 PM	16557	305	2.20	ND	ND	ND	ND	ND	ND	ND	3.5	141
11/24/18 10:30 PM	16802	318	2.24	ND	ND	ND	ND	ND	ND	ND	3.9	129
11/24/18 11:00 PM	16100	276	2.13	ND	ND	ND	ND	ND	ND	ND	3.5	122
11/24/18 11:30 PM	16080	256	2.10	ND	ND	ND	ND	ND	ND	ND	2.4	158
11/25/18 12:00 AM	16300	296	2.23	ND	ND	ND	ND	ND	ND	ND	2.1	213

## Daily Processed Summary (Average, Maximum)

Average	15499	338	2.53	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	152
Maximum Value	17772	357	2.83	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/25/18 12:30 AM	13584	226	1.86	ND	ND	ND	ND	ND	ND	ND	1.3	212
11/25/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.5	144
11/25/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	160
11/25/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	227
11/25/18 02:30 AM	15996	313	2.31	ND	ND	ND	ND	ND	ND	ND	3.1	296
11/25/18 03:00 AM	15052	278	2.15	ND	ND	ND	ND	ND	ND	ND	2.1	316
11/25/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.4	318
11/25/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.7	331
11/25/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.4	323
11/25/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.0	205
11/25/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.0	281
11/25/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	0.7	273
11/25/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	0.9	145
11/25/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.4	174
11/25/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.8	168
11/25/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	181
11/25/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	179
11/25/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.4	201
11/25/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	202
11/25/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.0	213
11/25/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	232
11/25/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.8	234
11/25/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	232
11/25/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	264
11/25/18 12:30 PM	19679	351	2.32	ND	ND	ND	ND	ND	ND	ND	4.4	273
11/25/18 01:00 PM	18126	353	2.32	ND	ND	ND	ND	ND	ND	ND	8.1	308
11/25/18 01:30 PM	17374	355	2.37	ND	ND	ND	ND	ND	ND	ND	8.0	310
11/25/18 02:00 PM	17052	355	2.32	ND	ND	ND	ND	ND	ND	ND	5.8	325
11/25/18 02:30 PM	14509	355	2.29	ND	ND	ND	ND	ND	ND	ND	7.7	335
11/25/18 03:00 PM	11766	353	2.25	ND	ND	ND	ND	ND	ND	ND	7.5	336
11/25/18 03:30 PM	9492	352	2.18	ND	ND	ND	ND	ND	ND	ND	5.7	332
11/25/18 04:00 PM	7541	351	2.15	ND	ND	ND	ND	ND	ND	ND	6.8	339
11/25/18 04:30 PM	7367	350	2.16	ND	ND	ND	ND	ND	ND	ND	7.8	339
11/25/18 05:00 PM	7300	350	2.17	ND	ND	ND	ND	ND	ND	ND	6.0	334
11/25/18 05:30 PM	7459	351	2.16	ND	ND	ND	ND	ND	ND	ND	5.7	330
11/25/18 06:00 PM	7023	347	2.15	ND	ND	ND	ND	ND	ND	ND	5.4	332
11/25/18 06:30 PM	7497	347	2.16	ND	ND	ND	ND	ND	ND	ND	4.0	328
11/25/18 07:00 PM	7511	346	2.16	ND	ND	ND	ND	ND	ND	ND	4.6	326
11/25/18 07:30 PM	6930	349	2.16	ND	ND	ND	ND	ND	ND	ND	5.6	330
11/25/18 08:00 PM	6297	347	2.16	ND	ND	ND	ND	ND	ND	ND	6.4	336
11/25/18 08:30 PM	6352	350	2.19	ND	ND	ND	ND	ND	ND	ND	6.9	339
11/25/18 09:00 PM	6025	347	2.17	ND	ND	ND	ND	ND	ND	ND	7.8	336
11/25/18 09:30 PM	6265	348	2.17	ND	ND	ND	ND	ND	ND	ND	7.4	341
11/25/18 10:00 PM	6232	348	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	338
11/25/18 10:30 PM	6460	347	2.18	ND	ND	ND	ND	ND	ND	ND	6.1	335
11/25/18 11:00 PM	6242	343	2.18	ND	ND	ND	ND	ND	ND	ND	7.1	338
11/25/18 11:30 PM	6189	342	2.19	ND	ND	ND	ND	ND	ND	ND	6.4	333
11/26/18 12:00 AM	5954	341	2.18	ND	ND	ND	ND	ND	ND	ND	6.0	336

## Daily Processed Summary (Average, Maximum)

Average	9899	341	2.19	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.0	316
Maximum Value	19679	355	2.37	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/26/18 12:30 AM	5726	339	2.17	0.00578	ND	ND	ND	ND	ND	ND	6.5	332
11/26/18 01:00 AM	5686	341	2.17	ND	ND	ND	ND	ND	ND	ND	6.1	334
11/26/18 01:30 AM	6018	341	2.18	ND	ND	ND	ND	ND	ND	ND	5.5	333
11/26/18 02:00 AM	5527	340	2.17	ND	ND	ND	ND	ND	ND	ND	6.6	329
11/26/18 02:30 AM	5775	339	2.18	ND	ND	ND	ND	ND	ND	ND	5.8	325
11/26/18 03:00 AM	6126	340	2.20	ND	ND	ND	ND	ND	ND	ND	5.8	317
11/26/18 03:30 AM	6022	341	2.20	ND	ND	ND	ND	ND	ND	ND	5.8	318
11/26/18 04:00 AM	5966	341	2.19	ND	ND	ND	ND	ND	ND	ND	5.8	317
11/26/18 04:30 AM	5805	338	2.19	ND	ND	ND	ND	ND	ND	0.00238	6.1	319
11/26/18 05:00 AM	5873	339	2.20	ND	ND	ND	ND	ND	ND	ND	6.2	319
11/26/18 05:30 AM	5908	340	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	317
11/26/18 06:00 AM	5884	337	2.19	ND	ND	ND	ND	ND	ND	ND	5.2	318
11/26/18 06:30 AM	5990	334	2.18	ND	ND	ND	ND	ND	ND	ND	4.5	327
11/26/18 07:00 AM	5517	334	2.17	ND	ND	ND	ND	ND	ND	ND	5.9	330
11/26/18 07:30 AM	5366	330	2.17	ND	ND	ND	ND	ND	ND	ND	6.5	336
11/26/18 08:00 AM	5237	339	2.18	ND	ND	ND	ND	ND	ND	ND	6.8	336
11/26/18 08:30 AM	5407	338	2.18	ND	ND	ND	ND	ND	ND	ND	6.5	333
11/26/18 09:00 AM	5324	337	2.17	ND	ND	ND	ND	ND	ND	ND	6.9	337
11/26/18 09:30 AM	5460	339	2.17	ND	ND	ND	ND	ND	ND	ND	6.8	329
11/26/18 10:00 AM	5427	342	2.18	ND	ND	ND	ND	ND	ND	ND	6.8	329
11/26/18 10:30 AM	5551	343	2.18	ND	ND	ND	ND	ND	ND	ND	6.5	326
11/26/18 11:00 AM	5597	341	2.19	ND	ND	ND	ND	ND	ND	ND	7.5	320
11/26/18 11:30 AM	5434	340	2.18	ND	ND	ND	ND	ND	ND	ND	6.9	323
11/26/18 12:00 PM	5583	345	2.19	ND	ND	ND	ND	ND	ND	ND	6.3	322
11/26/18 12:30 PM	5365	343	2.19	ND	ND	ND	ND	ND	ND	ND	6.1	331
11/26/18 01:00 PM	5303	345	2.19	ND	ND	ND	ND	ND	ND	ND	6.3	327
11/26/18 01:30 PM	5195	348	2.18	ND	ND	ND	ND	ND	ND	ND	6.2	323
11/26/18 02:00 PM	5159	343	2.18	ND	ND	ND	ND	ND	ND	ND	6.2	323
11/26/18 02:30 PM	5084	345	2.18	ND	ND	ND	ND	ND	ND	ND	5.4	326
11/26/18 03:00 PM	4903	347	2.18	ND	ND	ND	ND	ND	ND	ND	5.4	326
11/26/18 03:30 PM	4719	343	2.17	ND	ND	ND	ND	ND	ND	ND	6.2	337
11/26/18 04:00 PM	4570	343	2.17	ND	ND	ND	ND	ND	ND	ND	6.3	335
11/26/18 04:30 PM	4594	346	2.16	ND	ND	ND	ND	ND	ND	ND	5.0	328
11/26/18 05:00 PM	4572	342	2.16	ND	ND	ND	ND	ND	ND	ND	4.2	336
11/26/18 05:30 PM	4603	339	2.17	ND	ND	ND	ND	ND	ND	ND	3.8	342
11/26/18 06:00 PM	4915	342	2.17	ND	ND	ND	ND	ND	ND	ND	3.5	339
11/26/18 06:30 PM	5118	342	2.18	ND	ND	ND	ND	ND	ND	ND	3.5	339
11/26/18 07:00 PM	5520	339	2.19	ND	ND	ND	ND	ND	ND	ND	2.8	338
11/26/18 07:30 PM	5479	340	2.18	ND	ND	ND	ND	ND	ND	ND	2.8	334
11/26/18 08:00 PM	5732	339	2.19	ND	ND	ND	ND	ND	ND	ND	2.5	332
11/26/18 08:30 PM	5732	337	2.20	ND	ND	ND	ND	ND	ND	ND	2.5	333
11/26/18 09:00 PM	5786	337	2.19	ND	ND	ND	ND	ND	ND	ND	2.2	325
11/26/18 09:30 PM	5592	333	2.20	ND	ND	ND	ND	ND	ND	ND	3.4	340
11/26/18 10:00 PM	5230	333	2.24	ND	ND	ND	ND	ND	ND	ND	3.4	342
11/26/18 10:30 PM	5130	332	2.24	ND	ND	ND	ND	ND	ND	ND	2.9	339
11/26/18 11:00 PM	5416	334	2.24	ND	ND	ND	ND	ND	ND	ND	1.8	320
11/26/18 11:30 PM	5690	334	2.27	ND	ND	ND	ND	ND	ND	ND	1.7	302
11/27/18 12:00 AM	5466	334	2.35	ND	ND	ND	ND	ND	ND	ND	2.1	324

## Daily Processed Summary (Average, Maximum)

Average	5439	340	2.19	0.00012	BDL	BDL	BDL	BDL	BDL	0.00005	5.1	328
Maximum Value	6126	348	2.35	0.00578	BDL	BDL	BDL	BDL	BDL	0.00238		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/27/18 12:30 AM	5873	336	2.34	ND	ND	ND	ND	ND	ND	ND	2.0	316
11/27/18 01:00 AM	6208	339	2.36	ND	ND	ND	ND	ND	ND	ND	1.9	312
11/27/18 01:30 AM	6261	337	2.68	ND	ND	ND	ND	ND	ND	ND	2.2	310
11/27/18 02:00 AM	6254	338	3.33	ND	ND	ND	ND	ND	ND	ND	1.6	316
11/27/18 02:30 AM	5860	329	3.33	ND	ND	ND	ND	ND	ND	ND	2.3	338
11/27/18 03:00 AM	5219	335	2.41	ND	ND	ND	ND	ND	ND	ND	3.9	341
11/27/18 03:30 AM	5064	336	2.42	ND	ND	ND	ND	ND	ND	ND	3.8	337
11/27/18 04:00 AM	5042	337	2.38	ND	ND	ND	ND	ND	ND	ND	4.5	341
11/27/18 04:30 AM	5025	332	2.39	ND	ND	ND	ND	ND	ND	ND	4.2	343
11/27/18 05:00 AM	5003	337	2.40	ND	ND	ND	ND	ND	ND	ND	5.0	345
11/27/18 05:30 AM	5060	336	2.41	ND	ND	ND	ND	ND	ND	ND	3.9	351
11/27/18 06:00 AM	5101	335	2.39	ND	ND	ND	ND	ND	ND	ND	3.4	355
11/27/18 06:30 AM	5122	336	2.41	ND	ND	ND	ND	ND	ND	ND	2.0	336
11/27/18 07:00 AM	5158	336	2.48	ND	ND	ND	ND	ND	ND	ND	1.9	336
11/27/18 07:30 AM	5188	339	2.64	ND	ND	ND	ND	ND	ND	ND	1.9	239
11/27/18 08:00 AM	5336	340	3.05	ND	ND	ND	ND	ND	ND	ND	2.8	352
11/27/18 08:30 AM	5281	343	2.55	ND	ND	ND	ND	ND	ND	ND	3.3	241
11/27/18 09:00 AM	4646	349	2.36	ND	ND	ND	ND	ND	ND	ND	5.3	29
11/27/18 09:30 AM	5076	348	2.37	ND	ND	ND	ND	ND	ND	ND	4.0	42
11/27/18 10:00 AM	5080	343	2.34	ND	ND	ND	ND	ND	ND	ND	4.5	70
11/27/18 10:30 AM	5076	343	2.30	ND	ND	ND	ND	ND	ND	ND	4.0	80
11/27/18 11:00 AM	4774	342	2.23	ND	ND	ND	ND	ND	ND	ND	4.3	102
11/27/18 11:30 AM	4952	346	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	114
11/27/18 12:00 PM	5183	342	2.24	ND	ND	ND	ND	ND	ND	ND	5.6	133
11/27/18 12:30 PM	5979	345	2.26	ND	ND	ND	ND	ND	ND	ND	5.3	125
11/27/18 01:00 PM	5837	344	2.23	ND	ND	ND	ND	ND	ND	ND	6.2	121
11/27/18 01:30 PM	4693	343	2.19	ND	ND	ND	ND	ND	ND	ND	6.7	135
11/27/18 02:00 PM	5005	344	2.20	ND	ND	ND	ND	ND	ND	ND	6.1	116
11/27/18 02:30 PM	5746	346	2.20	ND	ND	ND	ND	ND	ND	ND	6.0	120
11/27/18 03:00 PM	5179	345	2.18	ND	ND	ND	ND	ND	ND	ND	6.8	117
11/27/18 03:30 PM	6033	343	2.18	ND	ND	ND	ND	ND	ND	ND	6.1	108
11/27/18 04:00 PM	6264	342	2.18	ND	ND	ND	ND	ND	ND	ND	0.00980	112
11/27/18 04:30 PM	8395	344	2.22	ND	ND	ND	ND	ND	ND	ND	0.00393	5.6
11/27/18 05:00 PM	9205	339	2.22	ND	ND	ND	ND	ND	ND	ND	ND	4.3
11/27/18 05:30 PM	9725	331	2.21	ND	ND	ND	ND	ND	ND	ND	3.4	113
11/27/18 06:00 PM	9909	332	2.21	ND	ND	ND	ND	ND	ND	ND	2.7	109
11/27/18 06:30 PM	9989	332	2.19	ND	ND	ND	ND	ND	ND	ND	2.4	106
11/27/18 07:00 PM	10164	330	2.32	ND	ND	ND	ND	ND	ND	ND	2.4	101
11/27/18 07:30 PM	10016	332	2.20	ND	ND	ND	ND	ND	ND	ND	2.2	93
11/27/18 08:00 PM	9715	334	2.20	ND	ND	ND	ND	ND	ND	ND	2.3	100
11/27/18 08:30 PM	9496	332	2.24	ND	ND	ND	ND	ND	ND	ND	2.4	83
11/27/18 09:00 PM	9320	332	2.16	ND	ND	ND	ND	ND	ND	ND	2.5	79
11/27/18 09:30 PM	9557	334	2.19	ND	ND	ND	ND	ND	ND	ND	2.0	88
11/27/18 10:00 PM	9653	336	2.20	ND	ND	ND	ND	ND	ND	ND	2.1	83
11/27/18 10:30 PM	9689	339	2.23	ND	ND	ND	ND	ND	ND	ND	2.0	94
11/27/18 11:00 PM	9699	337	2.25	ND	ND	ND	ND	ND	ND	ND	1.7	109
11/27/18 11:30 PM	9839	337	2.26	ND	ND	ND	ND	ND	ND	ND	1.5	122
11/28/18 12:00 AM	10063	337	2.25	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	6792	338	2.36	BDL	BDL	BDL	BDL	BDL	BDL	0.00029	1.9	85
Maximum Value	10164	349	3.33	BDL	BDL	BDL	BDL	BDL	BDL	0.00980		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/28/18 12:30 AM	10231	335	2.32	ND	ND	ND	ND	ND	ND	ND	1.0	134
11/28/18 01:00 AM	10402	340	2.27	ND	ND	ND	ND	ND	ND	ND	1.2	136
11/28/18 01:30 AM	10603	339	2.33	ND	ND	ND	ND	ND	ND	ND	0.7	160
11/28/18 02:00 AM	10799	336	2.34	ND	ND	ND	ND	ND	0.00202	ND	0.9	130
11/28/18 02:30 AM	11172	337	2.27	ND	ND	ND	ND	ND	0.01081	ND	2.1	142
11/28/18 03:00 AM	11427	337	2.35	ND	ND	ND	ND	ND	0.00317	ND	1.4	126
11/28/18 03:30 AM	11698	339	2.32	ND	ND	ND	ND	ND	ND	ND	1.8	122
11/28/18 04:00 AM	11937	341	2.32	ND	ND	ND	ND	ND	ND	ND	2.1	114
11/28/18 04:30 AM	12076	339	2.36	ND	ND	ND	ND	ND	ND	ND	2.3	123
11/28/18 05:00 AM	12151	336	2.41	ND	ND	ND	ND	ND	ND	ND	1.8	147
11/28/18 05:30 AM	12212	338	2.48	ND	ND	ND	ND	ND	ND	ND	0.9	212
11/28/18 06:00 AM	12467	337	2.45	ND	ND	ND	ND	ND	ND	ND	1.3	132
11/28/18 06:30 AM	12627	339	2.43	ND	ND	ND	ND	ND	ND	ND	1.9	155
11/28/18 07:00 AM	12702	338	2.40	ND	ND	ND	ND	ND	ND	ND	1.6	251
11/28/18 07:30 AM	12609	341	2.38	ND	ND	ND	ND	ND	ND	ND	1.0	53
11/28/18 08:00 AM	12386	343	2.33	ND	ND	ND	ND	ND	ND	ND	1.6	125
11/28/18 08:30 AM	12402	341	2.36	ND	ND	ND	ND	ND	ND	ND	0.7	159
11/28/18 09:00 AM	12805	337	2.29	0.00361	ND	ND	ND	ND	ND	ND	1.3	164
11/28/18 09:30 AM	13407	337	2.29	ND	ND	ND	ND	ND	ND	ND	1.4	214
11/28/18 10:00 AM	14026	337	2.26	ND	ND	ND	ND	ND	ND	ND	1.8	265
11/28/18 10:30 AM	13508	338	2.22	ND	ND	ND	ND	ND	ND	ND	2.2	274
11/28/18 11:00 AM	13934	340	2.21	ND	ND	ND	ND	ND	ND	ND	2.1	218
11/28/18 11:30 AM	14038	344	2.20	ND	ND	ND	ND	ND	ND	ND	3.0	195
11/28/18 12:00 PM	14080	346	2.21	ND	ND	ND	ND	ND	ND	ND	4.0	184
11/28/18 12:30 PM	14568	345	2.24	ND	ND	ND	ND	ND	ND	ND	3.7	183
11/28/18 01:00 PM	14856	347	2.27	ND	ND	ND	ND	ND	ND	ND	3.1	167
11/28/18 01:30 PM	14855	345	2.24	ND	ND	ND	ND	ND	ND	ND	4.3	149
11/28/18 02:00 PM	14810	344	2.22	ND	ND	ND	ND	ND	ND	ND	4.6	124
11/28/18 02:30 PM	14714	345	2.20	ND	ND	ND	ND	ND	ND	ND	5.2	134
11/28/18 03:00 PM	14850	344	2.20	ND	ND	ND	ND	ND	ND	ND	5.1	131
11/28/18 03:30 PM	14999	343	2.21	ND	ND	ND	ND	ND	ND	ND	5.1	135
11/28/18 04:00 PM	15332	341	2.22	ND	ND	ND	ND	ND	ND	ND	4.5	135
11/28/18 04:30 PM	15475	342	2.22	ND	ND	ND	ND	ND	ND	ND	3.9	132
11/28/18 05:00 PM	15684	344	2.22	ND	ND	ND	ND	ND	ND	ND	3.5	122
11/28/18 05:30 PM	15918	343	2.22	ND	ND	ND	ND	ND	ND	ND	3.7	115
11/28/18 06:00 PM	16031	342	2.21	ND	ND	ND	ND	ND	ND	ND	4.2	116
11/28/18 06:30 PM	16269	341	2.21	ND	ND	ND	ND	ND	ND	ND	5.6	133
11/28/18 07:00 PM	16486	341	2.20	ND	ND	ND	ND	ND	ND	ND	6.3	136
11/28/18 07:30 PM	16662	340	2.19	ND	ND	ND	ND	ND	ND	ND	5.5	138
11/28/18 08:00 PM	16774	336	2.20	ND	ND	ND	ND	ND	ND	ND	4.9	140
11/28/18 08:30 PM	16874	338	2.22	ND	ND	ND	ND	ND	ND	ND	4.3	134
11/28/18 09:00 PM	16938	338	2.20	ND	ND	ND	ND	ND	ND	ND	4.0	134
11/28/18 09:30 PM	17142	340	2.21	ND	ND	ND	ND	ND	ND	ND	3.8	150
11/28/18 10:00 PM	17339	343	2.25	ND	ND	ND	ND	ND	ND	ND	4.7	158
11/28/18 10:30 PM	17524	338	2.25	ND	ND	ND	ND	ND	ND	ND	4.9	163
11/28/18 11:00 PM	17589	335	2.24	ND	ND	ND	ND	ND	ND	ND	4.0	166
11/28/18 11:30 PM	17633	332	2.22	ND	ND	ND	ND	ND	ND	0.00278	2.3	192
11/29/18 12:00 AM	17445	335	2.20	ND	ND	ND	ND	ND	ND	ND	1.7	248

## Daily Processed Summary (Average, Maximum)

Average	14218	340	2.27	0.00008	BDL	BDL	BDL	BDL	0.00033	0.00006	2.5	147
Maximum Value	17633	347	2.48	0.00361	BDL	BDL	BDL	BDL	0.01081	0.00278		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/29/18 12:30 AM	17279	335	2.22	ND	ND	ND	ND	ND	ND	ND	1.4	188
11/29/18 01:00 AM	17491	334	2.23	ND	ND	ND	ND	ND	ND	ND	2.3	167
11/29/18 01:30 AM	17706	333	2.23	ND	ND	ND	ND	ND	ND	ND	2.6	175
11/29/18 02:00 AM	17893	332	2.25	ND	ND	ND	ND	ND	ND	ND	3.6	168
11/29/18 02:30 AM	17793	332	2.23	ND	ND	ND	ND	ND	ND	ND	2.5	190
11/29/18 03:00 AM	17646	331	2.21	ND	ND	ND	ND	ND	ND	ND	0.7	237
11/29/18 03:30 AM	17653	335	2.26	ND	ND	ND	ND	ND	ND	ND	2.2	153
11/29/18 04:00 AM	17872	334	2.27	ND	ND	ND	ND	ND	ND	ND	3.5	167
11/29/18 04:30 AM	18003	336	2.27	ND	ND	ND	ND	ND	ND	ND	3.2	162
11/29/18 05:00 AM	18029	335	2.28	ND	ND	ND	ND	ND	ND	ND	4.2	149
11/29/18 05:30 AM	18322	334	2.25	ND	ND	ND	ND	ND	ND	ND	4.2	157
11/29/18 06:00 AM	18273	335	2.24	ND	ND	ND	ND	ND	ND	ND	5.2	144
11/29/18 06:30 AM	18131	333	2.19	ND	ND	ND	ND	ND	ND	ND	4.3	125
11/29/18 07:00 AM	18112	328	2.17	ND	ND	ND	ND	ND	ND	ND	3.7	125
11/29/18 07:30 AM	18399	326	2.23	ND	ND	ND	ND	ND	ND	ND	3.2	119
11/29/18 08:00 AM	18424	330	2.20	ND	ND	ND	ND	ND	ND	ND	2.6	107
11/29/18 08:30 AM	18648	326	2.19	ND	ND	ND	ND	ND	ND	ND	3.9	112
11/29/18 09:00 AM	19250	323	2.21	ND	ND	ND	ND	ND	ND	ND	4.7	150
11/29/18 09:30 AM	19583	325	2.23	ND	ND	ND	ND	ND	ND	ND	5.3	162
11/29/18 10:00 AM	19794	328	2.23	ND	ND	ND	ND	ND	ND	ND	4.5	153
11/29/18 10:30 AM	19981	327	2.21	ND	ND	ND	ND	ND	ND	ND	4.1	152
11/29/18 11:00 AM	20236	318	2.22	ND	ND	ND	ND	ND	ND	ND	4.0	149
11/29/18 11:30 AM	20119	315	2.19	ND	ND	ND	ND	ND	ND	ND	3.4	135
11/29/18 12:00 PM	20667	312	2.20	ND	ND	ND	ND	ND	ND	ND	4.4	163
11/29/18 12:30 PM	20611	316	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	155
11/29/18 01:00 PM	20643	320	2.19	ND	ND	ND	ND	ND	ND	ND	4.6	161
11/29/18 01:30 PM	20579	312	2.16	ND	ND	ND	ND	ND	ND	ND	5.9	162
11/29/18 02:00 PM	20529	307	2.13	ND	ND	ND	ND	ND	ND	ND	5.8	151
11/29/18 02:30 PM	20390	305	2.11	ND	ND	ND	ND	ND	ND	ND	4.9	146
11/29/18 03:00 PM	20703	318	2.13	ND	ND	ND	ND	ND	0.01383	ND	4.1	148
11/29/18 03:30 PM	20812	319	2.15	ND	ND	ND	ND	ND	0.00275	ND	5.0	134
11/29/18 04:00 PM	20533	320	2.15	ND	ND	ND	ND	ND	ND	ND	4.5	132
11/29/18 04:30 PM	20184	317	2.14	ND	ND	ND	ND	ND	ND	ND	3.6	153
11/29/18 05:00 PM	20197	317	2.15	ND	ND	ND	ND	ND	ND	ND	4.1	152
11/29/18 05:30 PM	19960	315	2.15	ND	ND	ND	ND	ND	ND	ND	3.9	145
11/29/18 06:00 PM	19529	302	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	130
11/29/18 06:30 PM	18763	279	2.01	ND	ND	ND	ND	ND	ND	ND	4.2	113
11/29/18 07:00 PM	18362	266	1.97	ND	ND	ND	ND	ND	ND	ND	2.9	122
11/29/18 07:30 PM	18117	254	1.93	ND	ND	ND	ND	ND	ND	ND	3.8	125
11/29/18 08:00 PM	18077	265	1.95	ND	ND	ND	ND	ND	ND	ND	3.9	116
11/29/18 08:30 PM	17058	235	1.90	ND	ND	ND	ND	ND	ND	ND	3.4	114
11/29/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	118
11/29/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1	120
11/29/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.2	113
11/29/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.1	208
11/29/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.7	293
11/29/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	0.7	232
11/30/18 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.2	90

## Daily Processed Summary (Average, Maximum)

Average	19033	316	2.17	BDL	BDL	BDL	BDL	BDL	0.00035	BDL	3.2	145
Maximum Value	20812	336	2.28	BDL	BDL	BDL	BDL	BDL	0.01383	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

timestamp	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
11/30/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.9	119
11/30/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.8	124
11/30/18 01:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.5	133
11/30/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	129
11/30/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	127
11/30/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.1	134
11/30/18 03:30 AM	14315	194	1.39	ND	ND	ND	ND	ND	ND	ND	3.5	128
11/30/18 04:00 AM	14011	187	1.30	ND	ND	ND	ND	ND	ND	ND	3.0	115
11/30/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	114
11/30/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.5	119
11/30/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.6	121
11/30/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	114
11/30/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	96
11/30/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.4	85
11/30/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	80
11/30/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.2	75
11/30/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.4	94
11/30/18 09:00 AM	19418	270	1.92	ND	ND	ND	ND	ND	ND	ND	5.3	99
11/30/18 09:30 AM	21648	322	2.09	ND	ND	ND	ND	ND	ND	ND	6.7	106
11/30/18 10:00 AM	21642	328	2.13	ND	ND	ND	ND	ND	ND	ND	8.2	114
11/30/18 10:30 AM	21552	328	2.11	ND	ND	ND	ND	ND	ND	ND	8.5	119
11/30/18 11:00 AM	21735	328	2.10	ND	ND	ND	ND	ND	ND	ND	8.7	120
11/30/18 11:30 AM	21685	332	2.13	ND	ND	ND	ND	ND	ND	ND	8.9	116
11/30/18 12:00 PM	22197	332	2.13	ND	ND	ND	ND	ND	ND	ND	10.2	115
11/30/18 12:30 PM	22692	329	2.14	ND	ND	ND	ND	ND	ND	ND	10.9	120
11/30/18 01:00 PM	22633	327	2.13	ND	ND	ND	ND	ND	ND	ND	10.1	124
11/30/18 01:30 PM	22929	329	2.13	ND	ND	ND	ND	ND	ND	ND	10.0	120
11/30/18 02:00 PM	22823	328	2.14	ND	ND	ND	ND	ND	ND	ND	8.5	121
11/30/18 02:30 PM	22614	327	2.15	ND	ND	ND	ND	ND	ND	ND	7.8	123
11/30/18 03:00 PM	22631	329	2.16	ND	ND	ND	ND	ND	ND	ND	7.1	136
11/30/18 03:30 PM	22491	327	2.15	ND	ND	ND	ND	ND	ND	ND	6.1	128
11/30/18 04:00 PM	22633	329	2.15	ND	ND	ND	ND	ND	ND	ND	6.8	133
11/30/18 04:30 PM	22379	325	2.14	ND	ND	ND	ND	ND	ND	ND	6.3	128
11/30/18 05:00 PM	22371	326	2.13	ND	ND	ND	ND	ND	ND	ND	5.9	115
11/30/18 05:30 PM	22477	324	2.12	ND	ND	ND	ND	ND	ND	ND	6.1	116
11/30/18 06:00 PM	21748	308	2.07	ND	ND	ND	ND	ND	ND	ND	6.3	117
11/30/18 06:30 PM	19282	242	1.83	ND	ND	ND	ND	ND	ND	ND	6.7	118
11/30/18 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	119
11/30/18 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.7	118
11/30/18 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.1	118
11/30/18 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	117
11/30/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	122
11/30/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	139
11/30/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.3	142
11/30/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.0	148
11/30/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.4	157
11/30/18 11:30 PM	19865	235	1.75	ND	ND	ND	ND	ND	ND	ND	7.8	155
12/01/18 12:00 AM	21628	277	1.97	ND	ND	ND	ND	ND	ND	ND	7.3	150

## Daily Processed Summary (Average, Maximum)

Average	21225	303	2.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	122
Maximum Value	22929	332	2.16	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Block Averaged Trigger Levels  
December 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Min Avg. Concentration (ppb)	Trigger Level (ppb)	Wind Speed (mph)	Wind Direction (degrees)
12/18/2018	20:00-20:30	EDC	66.2	40	7.9	51.9

**Formosa Plastics Corporation  
Point Comfort AAMS Site  
Validated Exceedances of 30-Minute Running Averaged Trigger Levels  
December 2018**

<u>Day</u>	<u>Period</u>	<u>Compound</u>	30-Minute Max Avg. Concentration (ppb)	Trigger Level (ppb)	Max Wind Speed (mph)	Max Wind Direction (degrees)
12/18/2018	19:42-20:08	EDC	53.3	40	7.0	52.6
12/18/2018	19:47-20:13	EDC	60.1	40	7.5	52.6
12/18/2018	19:52-20:18	EDC	66.2	40	7.9	52.6
12/18/2018	19:57-20:23	EDC	66.2	40	7.9	52.6
12/18/2018	20:02-20:28	EDC	66.2	40	7.9	51.1

**Open Path FTIR Daily (24-hour) Averages**  
**Site: Formosa Point Comfort AAMS**

30 min time	Capture (%)	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCl_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/1/2018	71	15234	339	2.22	BDL	BDL	BDL	BDL	BDL	BDL	0.00032	2.7	240
12/2/2018	100	11261	348	2.42	0.00029	BDL	0.00005	BDL	BDL	BDL	0.00026	1.2	325
12/3/2018	100	8154	343	2.29	BDL	BDL	0.00043	BDL	BDL	BDL	0.00005	5.8	348
12/4/2018	100	6560	335	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.1	341
12/5/2018	100	7420	332	2.27	BDL	BDL	BDL	0.00002	BDL	BDL	0.00065	5.0	46
12/6/2018	100	15856	324	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	98
12/7/2018	69	19022	294	2.04	BDL	BDL	BDL	BDL	BDL	BDL	0.00011	1.9	102
12/8/2018	75	8408	319	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.1	312
12/9/2018	100	6887	336	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	323
12/10/2018	100	6645	342	2.41	BDL	BDL	BDL	BDL	BDL	BDL	0.00005	2.6	303
12/11/2018	100	9703	345	2.42	BDL	BDL	BDL	BDL	BDL	BDL	0.00016	3.0	101
12/12/2018	88	15493	339	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	128
12/13/2018	0											6.7	235
12/14/2018	52	7653	339	2.19	BDL	BDL	BDL	BDL	BDL	BDL	0.00011	9.8	277
12/15/2018	100	6823	343	2.30	0.00018	BDL	BDL	BDL	BDL	BDL	0.00008	5.4	284
12/16/2018	100	7507	345	2.45	BDL	BDL	BDL	BDL	BDL	BDL	0.00098	0.7	183
12/17/2018	100	12652	346	2.61	BDL	BDL	0.00025	BDL	BDL	BDL	0.00006	1.7	129
12/18/2018	100	14168	338	2.26	BDL	BDL	0.00069	0.00007	BDL	BDL	0.00152	5.4	60
12/19/2018	75	15213	342	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7	15
12/20/2018	85	9433	341	2.24	BDL	0.00008	BDL	BDL	BDL	BDL	0.00011	10.0	297
12/21/2018	0											3.0	240
12/22/2018	0											7.9	174
12/23/2018	0											3.2	323
12/24/2018	0											3.8	75
12/25/2018	0											5.9	106
12/26/2018	38	21133	318	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.4	106
12/27/2018	100	14996	337	2.14	BDL	BDL	0.00025	BDL	BDL	BDL	0.00013	1.7	128
12/28/2018	100	8923	343	2.30	BDL	BDL	0.00022	0.00004	BDL	BDL	0.00033	5.7	344
12/29/2018	100	7626	337	2.29	BDL	BDL	BDL	BDL	BDL	BDL	0.00014	8.6	346
12/30/2018	100	8674	330	2.30	0.00021	BDL	BDL	BDL	BDL	BDL	0.00028	4.2	334
12/31/2018	77	10088	330	2.35	0.00064	BDL	BDL	BDL	BDL	BDL	0.00006	3.2	254

**Daily Processed Summary (Average, Maximum)**

Average	72	11021	335	2.28	0.00005	0.00000	0.00008	0.00001	BDL	BDL	0.00022	1.2	333
Maximum Value	100	21133	348	2.61	0.00064	0.00008	0.00069	0.00007	BDL	BDL	0.00152		

BDL = Below Detection Limit

Blank = Not Available

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/01/18 12:30 AM	22104	279	2.01	ND	ND	ND	ND	ND	ND	ND	7.4	163
12/01/18 01:00 AM	23327	306	2.18	ND	ND	ND	ND	ND	ND	ND	8.2	165
12/01/18 01:30 AM	23561	318	2.21	ND	ND	ND	ND	ND	ND	ND	7.2	173
12/01/18 02:00 AM	23257	322	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	181
12/01/18 02:30 AM	23218	326	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	184
12/01/18 03:00 AM	22341	324	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	242
12/01/18 03:30 AM	21358	331	2.22	ND	ND	ND	ND	ND	ND	ND	6.0	241
12/01/18 04:00 AM	20617	319	2.19	ND	ND	ND	ND	ND	ND	ND	4.7	245
12/01/18 04:30 AM	20511	335	2.22	ND	ND	ND	ND	ND	ND	ND	3.9	228
12/01/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	244
12/01/18 05:30 AM	20603	333	2.25	ND	ND	ND	ND	ND	ND	ND	3.2	281
12/01/18 06:00 AM	20423	336	2.24	ND	ND	ND	ND	ND	ND	ND	2.5	325
12/01/18 06:30 AM	20417	340	2.35	ND	ND	ND	ND	ND	ND	ND	3.2	332
12/01/18 07:00 AM	19796	338	2.26	ND	ND	ND	ND	ND	ND	ND	3.2	344
12/01/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	338
12/01/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	337
12/01/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	327
12/01/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	327
12/01/18 09:30 AM	13761	347	2.23	ND	ND	ND	ND	ND	ND	ND	4.4	303
12/01/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	307
12/01/18 10:30 AM	9589	360	2.18	ND	ND	ND	ND	ND	ND	ND	7.7	296
12/01/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	294
12/01/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	289
12/01/18 12:00 PM	8257	357	2.18	ND	ND	ND	ND	ND	ND	ND	8.7	292
12/01/18 12:30 PM	8602	358	2.18	ND	ND	ND	ND	ND	ND	ND	7.7	291
12/01/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	285
12/01/18 01:30 PM	9905	358	2.17	ND	ND	ND	ND	ND	ND	ND	6.2	275
12/01/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	266
12/01/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	263
12/01/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	256
12/01/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	256
12/01/18 04:00 PM	9972	354	2.15	ND	ND	ND	ND	ND	ND	ND	4.8	253
12/01/18 04:30 PM	9458	354	2.14	ND	ND	ND	ND	ND	ND	ND	3.5	247
12/01/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	219
12/01/18 05:30 PM	8724	349	2.14	ND	ND	ND	ND	ND	ND	ND	0.00689	2.1
12/01/18 06:00 PM	8470	348	2.17	ND	ND	ND	ND	ND	ND	ND	0.00825	2.1
12/01/18 06:30 PM	8862	348	2.15	ND	ND	ND	ND	ND	ND	ND	3.2	160
12/01/18 07:00 PM	10484	350	2.27	ND	ND	ND	ND	ND	ND	ND	4.1	147
12/01/18 07:30 PM	13896	345	2.29	ND	ND	ND	ND	ND	ND	ND	5.0	166
12/01/18 08:00 PM	13766	343	2.27	ND	ND	ND	ND	ND	ND	ND	5.5	170
12/01/18 08:30 PM	12973	343	2.28	ND	ND	ND	ND	ND	ND	ND	5.2	169
12/01/18 09:00 PM	12349	345	2.25	ND	ND	ND	ND	ND	ND	ND	4.8	167
12/01/18 09:30 PM	12296	343	2.23	ND	ND	ND	ND	ND	ND	ND	4.4	169
12/01/18 10:00 PM	12692	343	2.25	ND	ND	ND	ND	ND	ND	ND	4.7	172
12/01/18 10:30 PM	12699	338	2.25	ND	ND	ND	ND	ND	ND	ND	4.1	166
12/01/18 11:00 PM	12905	339	2.33	ND	ND	ND	ND	ND	ND	ND	3.9	153
12/01/18 11:30 PM	13362	340	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	156
12/02/18 12:00 AM	13409	341	2.34	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	15234	339	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.7	240
Maximum Value	23561	360	2.35	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00825	

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/02/18 12:30 AM	13536	343	2.33	ND	ND	ND	ND	ND	ND	ND	3.6	151
12/02/18 01:00 AM	13583	339	2.34	ND	ND	ND	ND	ND	ND	ND	3.3	168
12/02/18 01:30 AM	14230	340	2.26	ND	ND	ND	ND	ND	ND	ND	3.2	175
12/02/18 02:00 AM	15222	343	2.28	ND	ND	ND	ND	ND	ND	ND	2.1	169
12/02/18 02:30 AM	15530	339	2.29	ND	ND	ND	ND	ND	ND	ND	1.8	197
12/02/18 03:00 AM	15801	338	2.30	ND	ND	ND	ND	ND	ND	ND	2.0	217
12/02/18 03:30 AM	15264	339	2.32	ND	ND	ND	ND	ND	ND	ND	1.9	257
12/02/18 04:00 AM	14362	338	2.31	ND	ND	ND	ND	ND	ND	ND	1.8	253
12/02/18 04:30 AM	13888	339	2.29	ND	ND	ND	ND	ND	ND	ND	2.9	270
12/02/18 05:00 AM	12995	341	2.48	ND	ND	ND	ND	ND	ND	ND	4.0	293
12/02/18 05:30 AM	12396	342	2.58	ND	ND	ND	ND	ND	ND	ND	3.4	277
12/02/18 06:00 AM	11992	344	2.48	ND	ND	ND	ND	ND	ND	ND	2.4	271
12/02/18 06:30 AM	11422	346	2.47	ND	ND	ND	ND	ND	ND	ND	3.8	292
12/02/18 07:00 AM	10641	345	2.54	ND	ND	ND	ND	ND	ND	ND	3.5	300
12/02/18 07:30 AM	10215	347	2.91	ND	ND	ND	ND	ND	ND	ND	2.6	302
12/02/18 08:00 AM	10234	349	2.76	0.00333	ND	ND	ND	ND	ND	ND	3.2	296
12/02/18 08:30 AM	10746	348	3.50	ND	ND	ND	ND	ND	ND	ND	2.5	309
12/02/18 09:00 AM	11257	352	3.42	ND	ND	ND	ND	ND	ND	ND	2.6	292
12/02/18 09:30 AM	11765	353	2.92	ND	ND	ND	ND	ND	ND	ND	4.0	314
12/02/18 10:00 AM	10931	353	2.42	ND	ND	ND	ND	ND	ND	ND	4.4	337
12/02/18 10:30 AM	9566	353	2.31	ND	ND	ND	ND	ND	ND	ND	4.1	330
12/02/18 11:00 AM	8700	353	2.30	ND	ND	ND	ND	ND	ND	ND	8.5	348
12/02/18 11:30 AM	8438	353	2.26	ND	ND	ND	ND	ND	ND	ND	8.3	179
12/02/18 12:00 PM	7957	351	2.24	ND	ND	ND	ND	ND	ND	ND	8.5	235
12/02/18 12:30 PM	8187	355	2.27	ND	ND	ND	ND	ND	ND	ND	7.6	288
12/02/18 01:00 PM	8455	354	2.27	ND	ND	ND	ND	ND	ND	ND	8.4	351
12/02/18 01:30 PM	8142	356	2.25	ND	ND	ND	ND	ND	ND	ND	8.4	298
12/02/18 02:00 PM	8076	356	2.22	ND	ND	ND	ND	ND	ND	ND	8.6	124
12/02/18 02:30 PM	8384	361	2.22	ND	ND	ND	ND	ND	ND	ND	7.8	238
12/02/18 03:00 PM	8407	357	2.21	ND	ND	ND	ND	ND	ND	ND	7.6	119
12/02/18 03:30 PM	8466	356	2.21	ND	ND	0.00253	ND	ND	ND	0.00231	6.3	122
12/02/18 04:00 PM	8451	353	2.22	ND	ND	ND	ND	ND	ND	ND	5.4	16
12/02/18 04:30 PM	8876	356	2.22	0.00499	ND	ND	ND	ND	ND	ND	4.8	18
12/02/18 05:00 PM	8667	354	2.19	0.00545	ND	ND	ND	ND	ND	ND	5.2	38
12/02/18 05:30 PM	8348	354	2.20	ND	ND	ND	ND	ND	ND	ND	4.3	21
12/02/18 06:00 PM	8608	355	2.25	ND	ND	ND	ND	ND	ND	ND	5.0	32
12/02/18 06:30 PM	10023	352	2.28	ND	ND	ND	ND	ND	ND	ND	3.5	160
12/02/18 07:00 PM	14764	347	2.33	ND	ND	ND	ND	ND	ND	ND	2.7	119
12/02/18 07:30 PM	15090	344	2.35	ND	ND	ND	ND	ND	ND	ND	1.8	113
12/02/18 08:00 PM	15228	342	2.40	ND	ND	ND	ND	ND	ND	ND	2.0	82
12/02/18 08:30 PM	15279	340	2.42	ND	ND	ND	ND	ND	ND	ND	2.0	102
12/02/18 09:00 PM	13271	351	2.41	ND	ND	ND	ND	ND	ND	0.00240	2.0	102
12/02/18 09:30 PM	13193	352	2.43	ND	ND	ND	ND	ND	ND	0.00769	3.2	52
12/02/18 10:00 PM	13246	348	2.79	ND	ND	ND	ND	ND	ND	ND	3.1	243
12/02/18 10:30 PM	9984	348	2.78	ND	ND	ND	ND	ND	ND	ND	2.5	324
12/02/18 11:00 PM	9400	343	2.40	ND	ND	ND	ND	ND	ND	ND	5.0	354
12/02/18 11:30 PM	9563	340	2.34	ND	ND	ND	ND	ND	ND	ND	5.9	351
12/03/18 12:00 AM	9741	343	2.35	ND	ND	ND	ND	ND	ND	ND	7.9	357

Daily Processed Summary (Average, Maximum)

Average	11261	348	2.42	0.00029	BDL	0.00005	BDL	BDL	BDL	0.00026	1.2	325
Maximum Value	15801	361	3.50	0.00545	BDL	0.00253	BDL	BDL	BDL	0.00769		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/03/18 12:30 AM	9883	353	2.37	ND	ND	0.00711	ND	ND	ND	ND	9.0	8
12/03/18 01:00 AM	10069	363	2.35	ND	ND	ND	ND	ND	ND	ND	9.0	18
12/03/18 01:30 AM	9877	352	2.32	ND	ND	ND	ND	ND	ND	ND	7.2	25
12/03/18 02:00 AM	10152	355	2.34	ND	ND	0.01342	ND	ND	ND	ND	7.3	66
12/03/18 02:30 AM	10030	348	2.34	ND	ND	ND	ND	ND	ND	ND	7.3	355
12/03/18 03:00 AM	9702	343	2.33	ND	ND	ND	ND	ND	ND	ND	6.4	349
12/03/18 03:30 AM	9417	342	2.41	ND	ND	ND	ND	ND	ND	ND	5.9	341
12/03/18 04:00 AM	9166	338	2.42	ND	ND	ND	ND	ND	ND	ND	6.5	350
12/03/18 04:30 AM	8867	336	2.33	ND	ND	ND	ND	ND	ND	ND	7.8	353
12/03/18 05:00 AM	8875	337	2.34	ND	ND	ND	ND	ND	ND	ND	7.6	348
12/03/18 05:30 AM	8819	336	2.34	ND	ND	ND	ND	ND	ND	ND	8.2	346
12/03/18 06:00 AM	8617	336	2.32	ND	ND	ND	ND	ND	ND	ND	9.5	351
12/03/18 06:30 AM	8370	338	2.30	ND	ND	ND	ND	ND	ND	ND	10.9	356
12/03/18 07:00 AM	8136	340	2.29	ND	ND	ND	ND	ND	ND	ND	10.5	354
12/03/18 07:30 AM	8010	341	2.28	ND	ND	ND	ND	ND	ND	ND	11.9	299
12/03/18 08:00 AM	8011	343	2.27	ND	ND	ND	ND	ND	ND	ND	10.8	63
12/03/18 08:30 AM	7991	343	2.27	ND	ND	ND	ND	ND	ND	ND	10.0	5
12/03/18 09:00 AM	7972	343	2.27	ND	ND	ND	ND	ND	ND	ND	10.0	121
12/03/18 09:30 AM	7965	345	2.26	ND	ND	ND	ND	ND	ND	ND	10.0	237
12/03/18 10:00 AM	7987	344	2.25	ND	ND	ND	ND	ND	ND	ND	9.9	297
12/03/18 10:30 AM	8024	345	2.25	ND	ND	ND	ND	ND	ND	ND	10.0	238
12/03/18 11:00 AM	7978	345	2.24	ND	ND	ND	ND	ND	ND	ND	9.8	178
12/03/18 11:30 AM	7947	343	2.24	ND	ND	ND	ND	ND	ND	ND	10.0	236
12/03/18 12:00 PM	8044	345	2.23	ND	ND	ND	ND	ND	ND	ND	9.6	349
12/03/18 12:30 PM	8228	345	2.25	ND	ND	ND	ND	ND	ND	ND	9.3	354
12/03/18 01:00 PM	8279	348	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	293
12/03/18 01:30 PM	8290	350	2.26	ND	ND	ND	ND	ND	ND	ND	7.4	341
12/03/18 02:00 PM	8256	351	2.27	ND	ND	ND	ND	ND	ND	ND	8.4	343
12/03/18 02:30 PM	7853	348	2.26	ND	ND	ND	ND	ND	ND	ND	9.3	295
12/03/18 03:00 PM	7344	346	2.22	ND	ND	ND	ND	ND	ND	ND	8.8	349
12/03/18 03:30 PM	7246	347	2.21	ND	ND	ND	ND	ND	ND	ND	8.6	353
12/03/18 04:00 PM	7220	349	2.21	ND	ND	ND	ND	ND	ND	ND	8.5	347
12/03/18 04:30 PM	6990	346	2.21	ND	ND	ND	ND	ND	ND	ND	6.7	345
12/03/18 05:00 PM	6513	348	2.19	ND	ND	ND	ND	ND	ND	ND	5.0	343
12/03/18 05:30 PM	6936	347	2.21	ND	ND	ND	ND	ND	ND	ND	5.3	344
12/03/18 06:00 PM	7416	345	2.23	ND	ND	ND	ND	ND	ND	ND	5.0	343
12/03/18 06:30 PM	7571	338	2.33	ND	ND	ND	ND	ND	ND	ND	5.7	344
12/03/18 07:00 PM	7550	339	2.68	ND	ND	ND	ND	ND	ND	ND	6.2	347
12/03/18 07:30 PM	7467	336	2.23	ND	ND	ND	ND	ND	ND	ND	6.5	347
12/03/18 08:00 PM	7607	333	2.62	ND	ND	ND	ND	ND	ND	ND	5.2	342
12/03/18 08:30 PM	7626	334	2.23	ND	ND	ND	ND	ND	ND	ND	6.1	344
12/03/18 09:00 PM	7636	333	2.25	ND	ND	ND	ND	ND	ND	0.00236	7.5	351
12/03/18 09:30 PM	7780	332	2.28	ND	ND	ND	ND	ND	ND	ND	8.4	352
12/03/18 10:00 PM	7773	334	2.30	ND	ND	ND	ND	ND	ND	ND	9.2	354
12/03/18 10:30 PM	7636	336	2.26	ND	ND	ND	ND	ND	ND	ND	7.3	348
12/03/18 11:00 PM	7533	335	2.24	ND	ND	ND	ND	ND	ND	ND		
12/03/18 11:30 PM	7353	336	2.21	ND	ND	ND	ND	ND	ND	ND		
12/04/18 12:00 AM	7392	337	2.21	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	8154	343	2.29	BDL	BDL	0.00043	BDL	BDL	BDL	0.00005	5.8	348
Maximum Value	10152	363	2.68	BDL	BDL	0.01342	BDL	BDL	BDL	0.00236		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfert AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/04/18 12:30 AM	7378	339	2.21	ND	ND	ND	ND	ND	ND	ND	7.2	347
12/04/18 01:00 AM	7231	335	2.20	ND	ND	ND	ND	ND	ND	ND	7.1	346
12/04/18 01:30 AM	7130	332	2.21	ND	ND	ND	ND	ND	ND	ND	6.8	345
12/04/18 02:00 AM	7086	332	2.24	ND	ND	ND	ND	ND	ND	ND	6.5	346
12/04/18 02:30 AM	6996	333	2.28	ND	ND	ND	ND	ND	ND	ND	8.5	350
12/04/18 03:00 AM	6787	333	2.25	ND	ND	ND	ND	ND	ND	ND	8.6	354
12/04/18 03:30 AM	6805	333	2.25	ND	ND	ND	ND	ND	ND	ND	10.0	354
12/04/18 04:00 AM	6702	332	2.25	ND	ND	ND	ND	ND	ND	ND	9.8	354
12/04/18 04:30 AM	6634	332	2.25	ND	ND	ND	ND	ND	ND	ND	9.9	353
12/04/18 05:00 AM	6535	334	2.25	ND	ND	ND	ND	ND	ND	ND	9.0	351
12/04/18 05:30 AM	6521	334	2.25	ND	ND	ND	ND	ND	ND	ND	9.5	351
12/04/18 06:00 AM	6484	333	2.25	ND	ND	ND	ND	ND	ND	ND	8.8	351
12/04/18 06:30 AM	6421	332	2.24	ND	ND	ND	ND	ND	ND	ND	9.9	354
12/04/18 07:00 AM	6307	331	2.24	ND	ND	ND	ND	ND	ND	ND	9.4	354
12/04/18 07:30 AM	6282	329	2.24	ND	ND	ND	ND	ND	ND	ND	7.4	349
12/04/18 08:00 AM	6304	331	2.25	ND	ND	ND	ND	ND	ND	ND	8.0	353
12/04/18 08:30 AM	6319	327	2.24	ND	ND	ND	ND	ND	ND	ND	8.5	296
12/04/18 09:00 AM	6324	336	2.25	ND	ND	ND	ND	ND	ND	ND	9.3	10
12/04/18 09:30 AM	6338	335	2.23	ND	ND	ND	ND	ND	ND	ND	7.5	19
12/04/18 10:00 AM	6250	336	2.23	ND	ND	ND	ND	ND	ND	ND	7.1	22
12/04/18 10:30 AM	6259	335	2.22	ND	ND	ND	ND	ND	ND	ND	6.9	20
12/04/18 11:00 AM	6167	338	2.21	ND	ND	ND	ND	ND	ND	ND	8.4	295
12/04/18 11:30 AM	6035	340	2.22	ND	ND	ND	ND	ND	ND	ND	7.6	293
12/04/18 12:00 PM	6088	340	2.21	ND	ND	ND	ND	ND	ND	ND	7.4	291
12/04/18 12:30 PM	6241	338	2.21	ND	ND	ND	ND	ND	ND	ND	7.8	350
12/04/18 01:00 PM	6249	338	2.21	ND	ND	ND	ND	ND	ND	ND	7.7	353
12/04/18 01:30 PM	6298	342	2.21	ND	ND	ND	ND	ND	ND	ND	7.1	123
12/04/18 02:00 PM	6334	340	2.20	ND	ND	ND	ND	ND	ND	ND	7.3	291
12/04/18 02:30 PM	6449	339	2.20	ND	ND	ND	ND	ND	ND	ND	6.7	349
12/04/18 03:00 PM	6464	339	2.20	ND	ND	ND	ND	ND	ND	ND	6.5	234
12/04/18 03:30 PM	6519	339	2.21	ND	ND	ND	ND	ND	ND	ND	6.1	173
12/04/18 04:00 PM	6505	339	2.20	ND	ND	ND	ND	ND	ND	ND	5.9	236
12/04/18 04:30 PM	6523	336	2.20	ND	ND	ND	ND	ND	ND	ND	5.1	235
12/04/18 05:00 PM	6436	334	2.19	ND	ND	ND	ND	ND	ND	ND	5.5	176
12/04/18 05:30 PM	6567	334	2.20	ND	ND	ND	ND	ND	ND	ND	4.3	234
12/04/18 06:00 PM	6600	335	2.20	ND	ND	ND	ND	ND	ND	ND	2.6	12
12/04/18 06:30 PM	6685	334	2.22	ND	ND	ND	ND	ND	ND	ND	1.5	45
12/04/18 07:00 PM	6681	334	2.20	ND	ND	ND	ND	ND	ND	ND	2.4	129
12/04/18 07:30 PM	6573	335	2.21	ND	ND	ND	ND	ND	ND	ND	4.7	351
12/04/18 08:00 PM	6768	337	2.28	ND	ND	ND	ND	ND	ND	ND	4.5	353
12/04/18 08:30 PM	6971	337	2.40	ND	ND	ND	ND	ND	ND	ND	4.9	296
12/04/18 09:00 PM	6808	339	2.38	ND	ND	ND	ND	ND	ND	ND	5.5	357
12/04/18 09:30 PM	6731	336	2.32	ND	ND	ND	ND	ND	ND	ND	7.4	297
12/04/18 10:00 PM	6640	333	2.28	ND	ND	ND	ND	ND	ND	ND	7.3	353
12/04/18 10:30 PM	6532	331	2.25	ND	ND	ND	ND	ND	ND	ND	7.3	354
12/04/18 11:00 PM	6611	328	2.26	ND	ND	ND	ND	ND	ND	ND	8.0	356
12/04/18 11:30 PM	6628	330	2.26	ND	ND	ND	ND	ND	ND	ND	7.7	358
12/05/18 12:00 AM	6687	331	2.28	ND	ND	ND	ND	ND	ND	ND	8.1	297

## Daily Processed Summary (Average, Maximum)

Average	6560	335	2.24	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.1	341
Maximum Value	7378	342	2.40	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/05/18 12:30 AM	6762	332	2.29	ND	ND	ND	ND	ND	ND	ND	8.3	121
12/05/18 01:00 AM	6862	332	2.29	ND	ND	ND	ND	ND	ND	ND	8.6	61
12/05/18 01:30 AM	6878	332	2.28	ND	ND	ND	ND	ND	ND	ND	8.8	239
12/05/18 02:00 AM	6882	330	2.28	ND	ND	ND	ND	ND	ND	ND	7.8	355
12/05/18 02:30 AM	6796	327	2.28	ND	ND	ND	ND	ND	ND	ND	7.2	352
12/05/18 03:00 AM	6719	324	2.27	ND	ND	ND	ND	ND	ND	ND	7.1	296
12/05/18 03:30 AM	6709	324	2.28	ND	ND	ND	ND	ND	ND	ND	6.9	353
12/05/18 04:00 AM	6485	321	2.27	ND	ND	ND	ND	ND	ND	ND	7.1	352
12/05/18 04:30 AM	6337	319	2.25	ND	ND	ND	ND	ND	ND	ND	7.0	349
12/05/18 05:00 AM	6265	328	2.25	ND	ND	ND	ND	ND	ND	ND	6.5	347
12/05/18 05:30 AM	6183	328	2.26	ND	ND	ND	ND	ND	ND	ND	6.0	344
12/05/18 06:00 AM	6292	327	2.27	ND	ND	ND	ND	ND	ND	ND	6.9	237
12/05/18 06:30 AM	6396	325	2.29	ND	ND	ND	ND	ND	ND	ND	7.2	18
12/05/18 07:00 AM	6360	328	2.36	ND	ND	ND	ND	ND	ND	ND	7.8	27
12/05/18 07:30 AM	6299	331	2.35	ND	ND	ND	ND	ND	ND	ND	8.3	34
12/05/18 08:00 AM	6538	334	2.32	ND	ND	ND	ND	ND	ND	ND	7.2	32
12/05/18 08:30 AM	6424	338	2.34	ND	ND	ND	ND	ND	ND	ND	7.6	30
12/05/18 09:00 AM	6453	339	2.36	ND	ND	ND	ND	ND	ND	ND	7.4	28
12/05/18 09:30 AM	6443	335	2.34	ND	ND	ND	ND	ND	ND	ND	8.0	29
12/05/18 10:00 AM	6447	334	2.33	ND	ND	ND	ND	ND	ND	ND	6.9	32
12/05/18 10:30 AM	6228	331	2.32	ND	ND	ND	ND	ND	ND	ND	6.5	39
12/05/18 11:00 AM	6131	333	2.31	ND	ND	ND	ND	ND	ND	ND	7.5	41
12/05/18 11:30 AM	6027	337	2.31	ND	ND	ND	ND	ND	ND	ND	6.4	54
12/05/18 12:00 PM	6001	336	2.30	ND	ND	ND	ND	ND	ND	ND	6.2	55
12/05/18 12:30 PM	6052	335	2.30	ND	ND	ND	ND	ND	ND	ND	5.4	48
12/05/18 01:00 PM	6265	337	2.30	ND	ND	ND	ND	ND	ND	ND	5.4	60
12/05/18 01:30 PM	6083	336	2.27	ND	ND	ND	ND	ND	ND	ND	6.2	82
12/05/18 02:00 PM	6416	339	2.29	ND	ND	ND	ND	ND	ND	ND	5.8	86
12/05/18 02:30 PM	7390	338	2.29	ND	ND	ND	ND	ND	ND	ND	6.6	97
12/05/18 03:00 PM	8131	339	2.28	ND	ND	ND	ND	ND	ND	ND	6.9	94
12/05/18 03:30 PM	8216	340	2.24	ND	ND	ND	ND	ND	ND	ND	7.6	74
12/05/18 04:00 PM	8662	337	2.23	ND	ND	ND	ND	ND	ND	ND	8.2	84
12/05/18 04:30 PM	8799	335	2.21	ND	ND	ND	ND	ND	ND	ND	7.1	95
12/05/18 05:00 PM	8533	334	2.19	ND	ND	ND	ND	ND	ND	ND	6.3	93
12/05/18 05:30 PM	8692	334	2.20	ND	ND	ND	ND	ND	ND	ND	5.5	88
12/05/18 06:00 PM	8908	332	2.20	ND	ND	ND	ND	ND	ND	ND	4.7	82
12/05/18 06:30 PM	8899	332	2.17	ND	ND	ND	ND	ND	ND	ND	6.3	72
12/05/18 07:00 PM	8818	333	2.18	ND	ND	ND	ND	ND	ND	ND	6.2	64
12/05/18 07:30 PM	8464	331	2.23	ND	ND	ND	0.00079	ND	ND	0.00725	7.1	54
12/05/18 08:00 PM	8508	330	2.23	ND	ND	ND	ND	ND	ND	ND	7.7	52
12/05/18 08:30 PM	8746	331	2.23	ND	ND	ND	ND	ND	ND	ND	7.5	51
12/05/18 09:00 PM	8752	329	2.24	ND	ND	ND	ND	ND	ND	0.00276	6.9	51
12/05/18 09:30 PM	8876	330	2.24	ND	ND	ND	ND	ND	ND	0.00640	5.7	54
12/05/18 10:00 PM	9092	331	2.27	ND	ND	ND	ND	ND	ND	0.01489	6.5	52
12/05/18 10:30 PM	9333	328	2.26	ND	ND	ND	ND	ND	ND	ND	7.0	52
12/05/18 11:00 PM	9589	334	2.29	ND	ND	ND	ND	ND	ND	ND	6.4	51
12/05/18 11:30 PM	9921	332	2.29	ND	ND	ND	ND	ND	ND	ND	5.8	51
12/06/18 12:00 AM	10106	330	2.26	ND	ND	ND	ND	ND	ND	ND	5.6	60

## Daily Processed Summary (Average, Maximum)

Average	7420	332	2.27	BDL	BDL	BDL	0.00002	BDL	BDL	0.00065	5.0	46
Maximum Value	10106	340	2.36	BDL	BDL	BDL	0.00079	BDL	BDL	0.01489		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/06/18 12:30 AM	10504	329	2.29	ND	ND	ND	ND	ND	ND	ND	5.6	53
12/06/18 01:00 AM	10856	333	2.36	ND	ND	ND	ND	ND	ND	ND	4.7	49
12/06/18 01:30 AM	11228	332	2.26	ND	ND	ND	ND	ND	ND	ND	6.0	61
12/06/18 02:00 AM	11589	329	2.23	ND	ND	ND	ND	ND	ND	ND	5.9	60
12/06/18 02:30 AM	12140	329	2.21	ND	ND	ND	ND	ND	ND	ND	4.1	66
12/06/18 03:00 AM	12419	328	2.22	ND	ND	ND	ND	ND	ND	ND	3.1	64
12/06/18 03:30 AM	12947	329	2.21	ND	ND	ND	ND	ND	ND	ND	2.3	106
12/06/18 04:00 AM	13544	330	2.22	ND	ND	ND	ND	ND	ND	ND	1.9	107
12/06/18 04:30 AM	14353	331	2.20	ND	ND	ND	ND	ND	ND	ND	3.6	102
12/06/18 05:00 AM	14618	331	2.20	ND	ND	ND	ND	ND	ND	ND	3.5	94
12/06/18 05:30 AM	14788	330	2.19	ND	ND	ND	ND	ND	ND	ND	4.5	96
12/06/18 06:00 AM	14909	327	2.20	ND	ND	ND	ND	ND	ND	ND	4.3	111
12/06/18 06:30 AM	15023	325	2.15	ND	ND	ND	ND	ND	ND	ND	4.4	103
12/06/18 07:00 AM	15129	324	2.15	ND	ND	ND	ND	ND	ND	ND	4.1	112
12/06/18 07:30 AM	15276	327	2.13	ND	ND	ND	ND	ND	ND	ND	5.2	115
12/06/18 08:00 AM	15350	325	2.11	ND	ND	ND	ND	ND	ND	ND	5.7	110
12/06/18 08:30 AM	15509	325	2.13	ND	ND	ND	ND	ND	ND	ND	5.5	112
12/06/18 09:00 AM	15714	323	2.14	ND	ND	ND	ND	ND	ND	ND	5.6	106
12/06/18 09:30 AM	15940	325	2.13	ND	ND	ND	ND	ND	ND	ND	5.4	110
12/06/18 10:00 AM	16114	326	2.13	ND	ND	ND	ND	ND	ND	ND	5.1	109
12/06/18 10:30 AM	16213	327	2.13	ND	ND	ND	ND	ND	ND	ND	5.3	107
12/06/18 11:00 AM	16329	328	2.14	ND	ND	ND	ND	ND	ND	ND	5.6	105
12/06/18 11:30 AM	16378	326	2.13	ND	ND	ND	ND	ND	ND	ND	6.5	111
12/06/18 12:00 PM	16558	327	2.11	ND	ND	ND	ND	ND	ND	ND	6.3	108
12/06/18 12:30 PM	16672	324	2.12	ND	ND	ND	ND	ND	ND	ND	7.6	112
12/06/18 01:00 PM	16724	323	2.11	ND	ND	ND	ND	ND	ND	ND	6.9	112
12/06/18 01:30 PM	16842	321	2.13	ND	ND	ND	ND	ND	ND	ND	6.6	113
12/06/18 02:00 PM	16923	322	2.14	ND	ND	ND	ND	ND	ND	ND	6.3	110
12/06/18 02:30 PM	17006	322	2.13	ND	ND	ND	ND	ND	ND	ND	6.1	113
12/06/18 03:00 PM	17021	322	2.13	ND	ND	ND	ND	ND	ND	ND	6.0	108
12/06/18 03:30 PM	17099	323	2.12	ND	ND	ND	ND	ND	ND	ND	5.7	104
12/06/18 04:00 PM	17244	322	2.12	ND	ND	ND	ND	ND	ND	ND	5.4	92
12/06/18 04:30 PM	17431	321	2.11	ND	ND	ND	ND	ND	ND	ND	5.8	92
12/06/18 05:00 PM	17404	322	2.10	ND	ND	ND	ND	ND	ND	ND	6.4	90
12/06/18 05:30 PM	17478	323	2.10	ND	ND	ND	ND	ND	ND	ND	6.7	92
12/06/18 06:00 PM	17502	325	2.10	ND	ND	ND	ND	ND	ND	ND	6.9	88
12/06/18 06:30 PM	17712	322	2.11	ND	ND	ND	ND	ND	ND	ND	6.3	87
12/06/18 07:00 PM	17785	322	2.11	ND	ND	ND	ND	ND	ND	ND	5.8	86
12/06/18 07:30 PM	17748	320	2.10	ND	ND	ND	ND	ND	ND	ND	6.6	90
12/06/18 08:00 PM	17692	319	2.11	ND	ND	ND	ND	ND	ND	ND	5.8	92
12/06/18 08:30 PM	17717	319	2.10	ND	ND	ND	ND	ND	ND	ND	6.7	99
12/06/18 09:00 PM	17693	321	2.11	ND	ND	ND	ND	ND	ND	ND	6.2	101
12/06/18 09:30 PM	17693	322	2.13	ND	ND	ND	ND	ND	ND	ND	5.3	98
12/06/18 10:00 PM	17661	318	2.12	ND	ND	ND	ND	ND	ND	ND	5.0	103
12/06/18 10:30 PM	17724	320	2.12	ND	ND	ND	ND	ND	ND	ND	4.7	112
12/06/18 11:00 PM	17612	317	2.10	ND	ND	ND	ND	ND	ND	ND	5.2	108
12/06/18 11:30 PM	17519	316	2.10	ND	ND	ND	ND	ND	ND	ND	4.4	99
12/07/18 12:00 AM	17566	315	2.13	ND	ND	ND	ND	ND	ND	ND	4.8	99

## Daily Processed Summary (Average, Maximum)

Average	15856	324	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.2	98
Maximum Value	17785	333	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/07/18 12:30 AM	17796	316	2.13	ND	ND	ND	ND	ND	ND	ND	5.5	105
12/07/18 01:00 AM	17852	314	2.09	ND	ND	ND	ND	ND	ND	ND	5.1	107
12/07/18 01:30 AM	17915	314	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	105
12/07/18 02:00 AM	18032	312	2.08	ND	ND	ND	ND	ND	ND	ND	4.6	115
12/07/18 02:30 AM	18165	314	2.09	ND	ND	ND	ND	ND	ND	ND	5.3	115
12/07/18 03:00 AM	18114	314	2.11	ND	ND	ND	ND	ND	ND	ND	4.5	117
12/07/18 03:30 AM	18278	311	2.10	ND	ND	ND	ND	ND	ND	ND	4.8	128
12/07/18 04:00 AM	18780	303	2.06	ND	ND	ND	ND	ND	ND	ND	6.2	125
12/07/18 04:30 AM	18939	305	2.07	ND	ND	ND	ND	ND	ND	0.00513	5.8	123
12/07/18 05:00 AM	18974	302	2.05	ND	ND	ND	ND	ND	ND	ND	5.0	121
12/07/18 05:30 AM	18946	306	2.07	ND	ND	ND	ND	ND	ND	ND	3.9	113
12/07/18 06:00 AM	18720	306	2.12	ND	ND	ND	ND	ND	ND	ND	3.7	98
12/07/18 06:30 AM	18655	302	2.07	ND	ND	ND	ND	ND	ND	ND	4.0	109
12/07/18 07:00 AM	18564	299	2.07	ND	ND	ND	ND	ND	ND	ND	3.8	108
12/07/18 07:30 AM	18494	295	2.10	ND	ND	ND	ND	ND	ND	ND	4.5	111
12/07/18 08:00 AM	18614	294	2.09	ND	ND	ND	ND	ND	ND	ND	4.7	109
12/07/18 08:30 AM	19106	296	2.05	ND	ND	ND	ND	ND	ND	ND	4.4	110
12/07/18 09:00 AM	19502	301	2.07	ND	ND	ND	ND	ND	ND	ND	5.3	111
12/07/18 09:30 AM	19789	306	2.08	ND	ND	ND	ND	ND	ND	ND	5.3	108
12/07/18 10:00 AM	19808	307	2.11	ND	ND	ND	ND	ND	ND	ND	4.9	116
12/07/18 10:30 AM	19998	306	2.08	ND	ND	ND	ND	ND	ND	ND	5.5	112
12/07/18 11:00 AM	20427	305	2.09	ND	ND	ND	ND	ND	ND	ND	4.6	112
12/07/18 11:30 AM	20454	306	2.11	ND	ND	ND	ND	ND	ND	ND	5.0	104
12/07/18 12:00 PM	20407	306	2.08	ND	ND	ND	ND	ND	ND	ND	5.3	107
12/07/18 12:30 PM	20375	307	2.07	ND	ND	ND	ND	ND	ND	ND	5.5	97
12/07/18 01:00 PM	20479	306	2.07	ND	ND	ND	ND	ND	ND	ND	5.3	108
12/07/18 01:30 PM	20599	298	2.05	ND	ND	ND	ND	ND	ND	ND	5.7	102
12/07/18 02:00 PM	20392	288	2.03	ND	ND	ND	ND	ND	ND	ND	5.4	94
12/07/18 02:30 PM	19511	266	1.97	ND	ND	ND	ND	ND	ND	ND	6.9	130
12/07/18 03:00 PM	18229	223	1.79	ND	ND	ND	ND	ND	ND	ND	7.9	116
12/07/18 03:30 PM	18215	227	1.80	ND	ND	ND	ND	ND	ND	ND	4.7	71
12/07/18 04:00 PM	18162	229	1.82	ND	ND	ND	ND	ND	ND	ND	5.0	86
12/07/18 04:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.6	219
12/07/18 05:00 PM	17430	207	1.65	ND	ND	ND	ND	ND	ND	ND	3.7	209
12/07/18 05:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.4	318
12/07/18 06:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.2	228
12/07/18 06:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	229
12/07/18 07:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.9	210
12/07/18 07:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.6	301
12/07/18 08:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.3	339
12/07/18 08:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	316
12/07/18 09:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	5.9	326
12/07/18 09:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.0	328
12/07/18 10:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	6.5	318
12/07/18 10:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.2	308
12/07/18 11:00 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	311
12/07/18 11:30 PM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.5	305
12/07/18 12:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS		

Daily Processed Summary (Average, Maximum)

Average	19022	294	2.04	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.9	102
Maximum Value	20599	316	2.13	BDL	BDL	BDL	BDL	BDL	BDL	0.00513		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/08/18 12:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.0	303
12/08/18 01:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	13.5	305
12/08/18 01:30 AM	9640	244	1.98	ND	ND	ND	ND	ND	ND	ND	12.8	313
12/08/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.3	313
12/08/18 02:30 AM	9119	237	1.99	ND	ND	ND	ND	ND	ND	ND	8.9	318
12/08/18 03:00 AM	9860	318	2.18	ND	ND	ND	ND	ND	ND	ND	6.7	337
12/08/18 03:30 AM	9550	293	2.16	ND	ND	ND	ND	ND	ND	ND	7.7	343
12/08/18 04:00 AM	9857	316	2.22	ND	ND	ND	ND	ND	ND	ND	6.2	346
12/08/18 04:30 AM	9795	299	2.18	ND	ND	ND	ND	ND	ND	ND	5.8	328
12/08/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.7	314
12/08/18 05:30 AM	8114	199	1.57	ND	ND	ND	ND	ND	ND	ND	5.8	327
12/08/18 06:00 AM	9994	323	2.23	ND	ND	ND	ND	ND	ND	ND	6.5	292
12/08/18 06:30 AM	10029	322	2.24	ND	ND	ND	ND	ND	ND	ND	8.1	290
12/08/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	11.3	300
12/08/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.9	312
12/08/18 08:00 AM	8216	209	1.79	ND	ND	ND	ND	ND	ND	ND	9.8	313
12/08/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	12.2	309
12/08/18 09:00 AM	7419	183	1.78	ND	ND	ND	ND	ND	ND	ND	8.0	318
12/08/18 09:30 AM	9194	322	2.23	ND	ND	ND	ND	ND	ND	ND	9.8	316
12/08/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	315
12/08/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.9	311
12/08/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	311
12/08/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	314
12/08/18 12:00 PM	9215	344	2.32	ND	ND	ND	ND	ND	ND	ND	10.5	311
12/08/18 12:30 PM	9261	343	2.30	ND	ND	ND	ND	ND	ND	ND	10.0	311
12/08/18 01:00 PM	9232	345	2.32	ND	ND	ND	ND	ND	ND	ND	10.4	304
12/08/18 01:30 PM	8939	344	2.33	ND	ND	ND	ND	ND	ND	ND	10.8	310
12/08/18 02:00 PM	8963	348	2.33	ND	ND	ND	ND	ND	ND	ND	10.7	307
12/08/18 03:00 PM	8820	346	2.31	ND	ND	ND	ND	ND	ND	ND	11.0	311
12/08/18 03:30 PM	8824	344	2.30	ND	ND	ND	ND	ND	ND	ND	11.5	309
12/08/18 04:00 PM	8602	350	2.32	ND	ND	ND	ND	ND	ND	ND	11.5	309
12/08/18 04:30 PM	8379	348	2.31	ND	ND	ND	ND	ND	ND	ND	12.0	309
12/08/18 05:00 PM	8235	347	2.30	ND	ND	ND	ND	ND	ND	ND	12.5	310
12/08/18 05:30 PM	8220	349	2.32	ND	ND	ND	ND	ND	ND	ND	12.2	309
12/08/18 06:00 PM	8033	345	2.31	ND	ND	ND	ND	ND	ND	ND	12.7	309
12/08/18 06:30 PM	7881	343	2.29	ND	ND	ND	ND	ND	ND	ND	13.4	309
12/08/18 07:00 PM	7652	343	2.30	ND	ND	ND	ND	ND	ND	ND	13.0	311
12/08/18 07:30 PM	7574	344	2.34	ND	ND	ND	ND	ND	ND	ND	10.8	314
12/08/18 08:00 PM	7433	339	2.36	ND	ND	ND	ND	ND	ND	ND	9.5	315
12/08/18 08:30 PM	7320	337	2.31	ND	ND	ND	ND	ND	ND	ND	10.2	314
12/08/18 09:00 PM	7271	337	2.34	ND	ND	ND	ND	ND	ND	ND	11.3	311
12/08/18 09:30 PM	7063	338	2.29	ND	ND	ND	ND	ND	ND	ND	12.0	311
12/08/18 10:00 PM	7006	338	2.31	ND	ND	ND	ND	ND	ND	ND	10.2	315
12/08/18 10:30 PM	7039	339	2.30	ND	ND	ND	ND	ND	ND	ND	8.6	315
12/08/18 11:00 PM	7043	342	2.29	ND	ND	ND	ND	ND	ND	ND	7.1	318
12/08/18 11:30 PM	7089	340	2.34	ND	ND	ND	ND	ND	ND	ND	11.8	310
12/09/18 12:00 AM	6795	338	2.29	ND	ND	ND	ND	ND	ND	ND	11.7	308

## Daily Processed Summary (Average, Maximum)

Average	8408	319	2.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10.1	312
Maximum Value	10029	350	2.36	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/09/18 12:30 AM	6734	338	2.32	ND	ND	ND	ND	ND	ND	ND	11.3	310
12/09/18 01:00 AM	6666	340	2.34	ND	ND	ND	ND	ND	ND	ND	9.9	313
12/09/18 01:30 AM	6476	339	2.28	ND	ND	ND	ND	ND	ND	ND	8.8	317
12/09/18 02:00 AM	6592	340	2.27	ND	ND	ND	ND	ND	ND	ND	5.9	324
12/09/18 02:30 AM	6572	337	2.30	ND	ND	ND	ND	ND	ND	ND	7.9	317
12/09/18 03:00 AM	6520	335	2.28	ND	ND	ND	ND	ND	ND	ND	10.8	310
12/09/18 03:30 AM	6458	335	2.28	ND	ND	ND	ND	ND	ND	ND	7.2	317
12/09/18 04:00 AM	6391	338	2.26	ND	ND	ND	ND	ND	ND	ND	6.7	328
12/09/18 04:30 AM	6385	334	2.23	ND	ND	ND	ND	ND	ND	ND	6.6	327
12/09/18 05:00 AM	6415	333	2.23	ND	ND	ND	ND	ND	ND	ND	9.2	315
12/09/18 05:30 AM	6356	336	2.23	ND	ND	ND	ND	ND	ND	ND	6.9	336
12/09/18 06:00 AM	6434	339	2.22	ND	ND	ND	ND	ND	ND	ND	6.0	334
12/09/18 06:30 AM	6507	333	2.22	ND	ND	ND	ND	ND	ND	ND	6.2	331
12/09/18 07:00 AM	6555	336	2.24	ND	ND	ND	ND	ND	ND	ND	6.3	333
12/09/18 07:30 AM	6490	334	2.24	ND	ND	ND	ND	ND	ND	ND	5.8	328
12/09/18 08:00 AM	6487	337	2.23	ND	ND	ND	ND	ND	ND	ND	7.4	315
12/09/18 08:30 AM	6406	335	2.22	ND	ND	ND	ND	ND	ND	ND	5.4	331
12/09/18 09:00 AM	6517	334	2.22	ND	ND	ND	ND	ND	ND	ND	5.6	318
12/09/18 09:30 AM	6558	334	2.29	ND	ND	ND	ND	ND	ND	ND	7.2	313
12/09/18 10:00 AM	6647	335	2.27	ND	ND	ND	ND	ND	ND	ND	7.8	308
12/09/18 10:30 AM	6703	332	2.27	ND	ND	ND	ND	ND	ND	ND	7.6	313
12/09/18 11:00 AM	6767	334	2.28	ND	ND	ND	ND	ND	ND	ND	7.5	312
12/09/18 11:30 AM	6812	336	2.28	ND	ND	ND	ND	ND	ND	ND	6.2	314
12/09/18 12:00 PM	6873	336	2.26	ND	ND	ND	ND	ND	ND	ND	8.3	303
12/09/18 12:30 PM	6885	338	2.26	ND	ND	ND	ND	ND	ND	ND	7.6	311
12/09/18 01:00 PM	7019	339	2.28	ND	ND	ND	ND	ND	ND	ND	7.9	310
12/09/18 01:30 PM	7072	338	2.24	ND	ND	ND	ND	ND	ND	ND	7.4	313
12/09/18 02:00 PM	7167	339	2.26	ND	ND	ND	ND	ND	ND	ND	6.4	319
12/09/18 02:30 PM	7214	336	2.25	ND	ND	ND	ND	ND	ND	ND	7.7	315
12/09/18 03:00 PM	7277	337	2.25	ND	ND	ND	ND	ND	ND	ND	8.0	311
12/09/18 03:30 PM	7279	338	2.25	ND	ND	ND	ND	ND	ND	ND	6.8	314
12/09/18 04:00 PM	7324	337	2.24	ND	ND	ND	ND	ND	ND	ND	7.1	315
12/09/18 04:30 PM	7408	338	2.25	ND	ND	ND	ND	ND	ND	ND	6.3	317
12/09/18 05:00 PM	7398	339	2.25	ND	ND	ND	ND	ND	ND	ND	4.8	323
12/09/18 05:30 PM	7497	337	2.23	ND	ND	ND	ND	ND	ND	ND	4.0	330
12/09/18 06:00 PM	7368	336	2.22	ND	ND	ND	ND	ND	ND	ND	4.5	342
12/09/18 06:30 PM	7334	334	2.24	ND	ND	ND	ND	ND	ND	ND	4.7	345
12/09/18 07:00 PM	7259	337	2.26	ND	ND	ND	ND	ND	ND	ND	4.0	341
12/09/18 07:30 PM	7307	335	2.56	ND	ND	ND	ND	ND	ND	ND	4.1	345
12/09/18 08:00 PM	7272	331	2.54	ND	ND	ND	ND	ND	ND	ND	5.1	350
12/09/18 08:30 PM	7104	337	2.29	ND	ND	ND	ND	ND	ND	ND	5.5	349
12/09/18 09:00 PM	7055	337	2.27	ND	ND	ND	ND	ND	ND	ND	6.0	349
12/09/18 09:30 PM	7086	337	2.35	ND	ND	ND	ND	ND	ND	ND	5.6	346
12/09/18 10:00 PM	7175	338	2.36	ND	ND	ND	ND	ND	ND	ND	5.3	344
12/09/18 10:30 PM	7218	336	2.38	ND	ND	ND	ND	ND	ND	ND	5.2	347
12/09/18 11:00 PM	7192	330	2.31	ND	ND	ND	ND	ND	ND	ND	4.9	343
12/09/18 11:30 PM	7175	334	2.45	ND	ND	ND	ND	ND	ND	ND	4.9	343
12/10/18 12:00 AM	7159	338	2.32	ND	ND	ND	ND	ND	ND	ND	5.1	345

## Daily Processed Summary (Average, Maximum)

Average	6887	336	2.28	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	323
Maximum Value	7497	340	2.56	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/10/18 12:30 AM	7089	335	2.33	ND	ND	ND	ND	ND	ND	ND	4.9	346
12/10/18 01:00 AM	7012	333	2.34	ND	ND	ND	ND	ND	ND	ND	3.3	344
12/10/18 01:30 AM	7017	335	2.37	ND	ND	ND	ND	ND	ND	ND	2.3	342
12/10/18 02:00 AM	6927	333	2.34	ND	ND	ND	ND	ND	ND	ND	2.0	317
12/10/18 02:30 AM	7294	334	2.30	ND	ND	ND	ND	ND	ND	ND	2.5	310
12/10/18 03:00 AM	7203	333	2.71	ND	ND	ND	ND	ND	ND	ND	2.6	307
12/10/18 03:30 AM	7132	335	2.85	ND	ND	ND	ND	ND	ND	ND	3.5	304
12/10/18 04:00 AM	7163	331	2.64	ND	ND	ND	ND	ND	ND	ND	3.5	305
12/10/18 04:30 AM	7098	329	2.42	ND	ND	ND	ND	ND	ND	ND	3.5	300
12/10/18 05:00 AM	7108	333	2.42	ND	ND	ND	ND	ND	ND	ND	4.2	303
12/10/18 05:30 AM	7053	332	2.51	ND	ND	ND	ND	ND	ND	ND	4.2	306
12/10/18 06:00 AM	7021	330	2.64	ND	ND	ND	ND	ND	ND	ND	3.7	305
12/10/18 06:30 AM	6928	331	2.82	ND	ND	ND	ND	ND	ND	ND	2.6	314
12/10/18 07:00 AM	6851	332	2.76	ND	ND	ND	ND	ND	ND	ND	2.4	322
12/10/18 07:30 AM	6770	331	2.73	ND	ND	ND	ND	ND	ND	ND	4.0	308
12/10/18 08:00 AM	6785	333	2.67	ND	ND	ND	ND	ND	ND	ND	4.1	306
12/10/18 08:30 AM	6705	334	2.45	ND	ND	ND	ND	ND	ND	ND	3.7	299
12/10/18 09:00 AM	6812	337	2.53	ND	ND	ND	ND	ND	ND	ND	4.2	309
12/10/18 09:30 AM	6944	338	2.67	ND	ND	ND	ND	ND	ND	ND	4.4	311
12/10/18 10:00 AM	7202	342	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	304
12/10/18 10:30 AM	7375	346	2.38	ND	ND	ND	ND	ND	ND	ND	5.2	300
12/10/18 11:00 AM	7162	348	2.35	ND	ND	ND	ND	ND	ND	ND	5.1	302
12/10/18 11:30 AM	6870	350	2.33	ND	ND	ND	ND	ND	ND	ND	5.2	302
12/10/18 12:00 PM	6041	350	2.29	ND	ND	ND	ND	ND	ND	ND	5.7	302
12/10/18 12:30 PM	5422	350	2.26	ND	ND	ND	ND	ND	ND	ND	5.4	306
12/10/18 01:00 PM	5377	352	2.26	ND	ND	ND	ND	ND	ND	ND	4.3	307
12/10/18 01:30 PM	5889	352	2.30	ND	ND	ND	ND	ND	ND	ND	4.3	265
12/10/18 02:00 PM	5984	345	2.31	ND	ND	ND	ND	ND	ND	ND	3.8	240
12/10/18 02:30 PM	5903	348	2.27	ND	ND	ND	ND	ND	ND	ND	3.6	254
12/10/18 03:00 PM	5455	350	2.27	ND	ND	ND	ND	ND	ND	ND	4.5	308
12/10/18 03:30 PM	5534	346	2.28	ND	ND	ND	ND	ND	ND	ND	4.6	297
12/10/18 04:00 PM	5260	347	2.25	ND	ND	ND	ND	ND	ND	ND	5.1	307
12/10/18 04:30 PM	5334	346	2.24	ND	ND	ND	ND	ND	ND	ND	3.3	323
12/10/18 05:00 PM	5630	347	2.22	ND	ND	ND	ND	ND	ND	ND	2.1	323
12/10/18 05:30 PM	6197	347	2.22	ND	ND	ND	ND	ND	ND	ND	1.8	323
12/10/18 06:00 PM	6048	339	2.23	ND	ND	ND	ND	ND	ND	ND	1.6	340
12/10/18 06:30 PM	6088	340	2.24	ND	ND	ND	ND	ND	ND	ND	2.1	346
12/10/18 07:00 PM	6013	345	2.30	ND	ND	ND	ND	ND	ND	ND	1.7	289
12/10/18 07:30 PM	5754	343	2.24	ND	ND	ND	ND	ND	ND	ND	1.9	321
12/10/18 08:00 PM	6076	348	2.30	ND	ND	ND	ND	ND	ND	ND	1.6	198
12/10/18 08:30 PM	6243	346	2.34	ND	ND	ND	ND	ND	ND	ND	1.1	137
12/10/18 09:00 PM	6369	350	2.35	ND	ND	ND	ND	ND	ND	ND	2.4	135
12/10/18 09:30 PM	6492	350	2.38	ND	ND	ND	ND	ND	ND	ND	2.1	162
12/10/18 10:00 PM	6586	350	2.45	ND	ND	ND	ND	ND	ND	ND	1.3	151
12/10/18 10:30 PM	7796	348	2.46	ND	ND	ND	ND	ND	ND	ND	1.9	175
12/10/18 11:00 PM	8815	349	2.39	ND	ND	ND	ND	ND	ND	0.00259	1.5	177
12/10/18 11:30 PM	8587	347	2.42	ND	ND	ND	ND	ND	ND	ND	0.9	162
12/11/18 12:00 AM	8554	344	2.37	ND	ND	ND	ND	ND	ND	ND	1.3	178

## Daily Processed Summary (Average, Maximum)

Average	6645	342	2.41	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6	303
Maximum Value	8815	352	2.85	BDL	BDL	BDL	BDL	BDL	BDL	0.00259		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/11/18 12:30 AM	8539	342	2.37	ND	ND	ND	ND	ND	ND	ND	1.4	186
12/11/18 01:00 AM	8291	340	2.37	ND	ND	ND	ND	ND	ND	ND	1.5	187
12/11/18 01:30 AM	7846	339	2.32	ND	ND	ND	ND	ND	ND	ND	0.9	189
12/11/18 02:00 AM	8390	338	2.33	ND	ND	ND	ND	ND	ND	ND	0.9	234
12/11/18 02:30 AM	8673	338	2.33	ND	ND	ND	ND	ND	ND	ND	1.0	234
12/11/18 03:00 AM	8399	339	2.41	ND	ND	ND	ND	ND	ND	0.00284	1.7	343
12/11/18 03:30 AM	8079	341	2.52	ND	ND	ND	ND	ND	ND	ND	0.8	214
12/11/18 04:00 AM	7701	339	2.82	ND	ND	ND	ND	ND	ND	ND	1.4	290
12/11/18 04:30 AM	7177	337	3.04	ND	ND	ND	ND	ND	ND	ND	1.5	345
12/11/18 05:00 AM	7153	337	3.53	ND	ND	ND	ND	ND	ND	ND	1.5	325
12/11/18 05:30 AM	6933	334	3.43	ND	ND	ND	ND	ND	ND	ND	1.7	168
12/11/18 06:00 AM	6785	340	3.08	ND	ND	ND	ND	ND	ND	ND	2.2	291
12/11/18 06:30 AM	6810	342	2.90	ND	ND	ND	ND	ND	ND	ND	1.1	254
12/11/18 07:00 AM	6858	344	2.86	ND	ND	ND	ND	ND	ND	ND	1.6	83
12/11/18 07:30 AM	6998	341	2.87	ND	ND	ND	ND	ND	ND	ND	1.5	95
12/11/18 08:00 AM	6902	346	2.76	ND	ND	ND	ND	ND	ND	ND	2.3	61
12/11/18 08:30 AM	6995	349	2.74	ND	ND	ND	ND	ND	ND	ND	2.9	63
12/11/18 09:00 AM	7223	352	2.74	ND	ND	ND	ND	ND	ND	ND	3.6	63
12/11/18 09:30 AM	7284	351	2.48	ND	ND	ND	ND	ND	ND	ND	5.0	60
12/11/18 10:00 AM	7354	350	2.39	ND	ND	ND	ND	ND	ND	ND	4.5	68
12/11/18 10:30 AM	6910	347	2.30	ND	ND	ND	ND	ND	ND	ND	4.3	68
12/11/18 11:00 AM	7954	351	2.30	ND	ND	ND	ND	ND	ND	ND	4.6	93
12/11/18 11:30 AM	8773	352	2.28	ND	ND	ND	ND	ND	ND	ND	5.3	93
12/11/18 12:00 PM	9188	350	2.28	ND	ND	ND	ND	ND	ND	ND	6.0	100
12/11/18 12:30 PM	9587	350	2.26	ND	ND	ND	ND	ND	ND	ND	6.8	104
12/11/18 01:00 PM	9987	351	2.24	ND	ND	ND	ND	ND	ND	ND	7.3	96
12/11/18 01:30 PM	10119	348	2.22	ND	ND	ND	ND	ND	ND	ND	7.4	96
12/11/18 02:00 PM	10342	348	2.20	ND	ND	ND	ND	ND	ND	ND	5.6	95
12/11/18 02:30 PM	10864	344	2.19	ND	ND	ND	ND	ND	ND	0.00227	5.6	97
12/11/18 03:00 PM	11103	344	2.18	ND	ND	ND	ND	ND	ND	ND	5.7	106
12/11/18 03:30 PM	11412	342	2.17	ND	ND	ND	ND	ND	ND	ND	5.6	110
12/11/18 04:00 PM	11530	345	2.16	ND	ND	ND	ND	ND	ND	ND	4.2	97
12/11/18 04:30 PM	12074	346	2.17	ND	ND	ND	ND	ND	ND	ND	4.5	87
12/11/18 05:00 PM	12177	340	2.18	ND	ND	ND	ND	ND	ND	ND	3.9	93
12/11/18 05:30 PM	12261	340	2.26	ND	ND	ND	ND	ND	ND	ND	3.4	97
12/11/18 06:00 PM	12267	340	2.22	ND	ND	ND	ND	ND	ND	ND	3.1	118
12/11/18 06:30 PM	12213	344	2.21	ND	ND	ND	ND	ND	ND	ND	3.5	101
12/11/18 07:00 PM	12286	346	2.27	ND	ND	ND	ND	ND	ND	ND	3.7	100
12/11/18 07:30 PM	12363	352	2.27	ND	ND	ND	ND	ND	ND	ND	4.2	114
12/11/18 08:00 PM	12383	350	2.21	ND	ND	ND	ND	ND	ND	ND	4.5	116
12/11/18 08:30 PM	12404	349	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	115
12/11/18 09:00 PM	12462	351	2.16	ND	ND	ND	ND	ND	ND	ND	4.4	125
12/11/18 09:30 PM	12381	354	2.15	ND	ND	ND	ND	ND	ND	ND	4.4	128
12/11/18 10:00 PM	12348	351	2.14	ND	ND	ND	ND	ND	ND	ND	4.2	125
12/11/18 10:30 PM	12336	357	2.17	ND	ND	ND	ND	ND	ND	ND	4.5	125
12/11/18 11:00 PM	12414	355	2.15	ND	ND	ND	ND	ND	ND	ND	5.2	130
12/11/18 11:30 PM	12519	350	2.15	ND	ND	ND	ND	ND	ND	ND	5.7	133
12/12/18 12:00 AM	12676	343	2.14	ND	ND	ND	ND	ND	ND	ND	3.0	101

## Daily Processed Summary (Average, Maximum)

Average	9703	345	2.42	BDL	BDL	BDL	BDL	BDL	BDL	0.00016	3.0	101
Maximum Value	12676	357	3.53	BDL	BDL	BDL	BDL	BDL	BDL	0.00284		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/12/18 12:30 AM	12805	344	2.14	ND	ND	ND	ND	ND	ND	ND	6.4	138
12/12/18 01:00 AM	12942	341	2.14	ND	ND	ND	ND	ND	ND	ND	6.0	137
12/12/18 01:30 AM	13002	341	2.14	ND	ND	ND	ND	ND	ND	ND	5.8	136
12/12/18 02:00 AM	13183	345	2.16	ND	ND	ND	ND	ND	ND	ND	6.0	137
12/12/18 02:30 AM	13277	344	2.16	ND	ND	ND	ND	ND	ND	ND	6.5	137
12/12/18 03:00 AM	13449	342	2.17	ND	ND	ND	ND	ND	ND	ND	6.8	139
12/12/18 03:30 AM	13601	341	2.16	ND	ND	ND	ND	ND	ND	ND	6.8	139
12/12/18 04:00 AM	13740	340	2.16	ND	ND	ND	ND	ND	ND	ND	6.6	136
12/12/18 04:30 AM	13818	340	2.14	ND	ND	ND	ND	ND	ND	ND	6.8	135
12/12/18 05:00 AM	13923	340	2.14	ND	ND	ND	ND	ND	ND	ND	5.1	132
12/12/18 05:30 AM	14111	342	2.16	ND	ND	ND	ND	ND	ND	ND	4.0	124
12/12/18 06:00 AM	14273	343	2.13	ND	ND	ND	ND	ND	ND	ND	4.1	119
12/12/18 06:30 AM	14325	346	2.14	ND	ND	ND	ND	ND	ND	ND	3.5	105
12/12/18 07:00 AM	14243	343	2.17	ND	ND	ND	ND	ND	ND	ND	3.1	93
12/12/18 07:30 AM	14452	343	2.22	ND	ND	ND	ND	ND	ND	ND	3.2	96
12/12/18 08:00 AM	14653	342	2.22	ND	ND	ND	ND	ND	ND	ND	3.4	88
12/12/18 08:30 AM	14735	340	2.17	ND	ND	ND	ND	ND	ND	ND	3.9	90
12/12/18 09:00 AM	14929	339	2.18	ND	ND	ND	ND	ND	ND	ND	3.8	87
12/12/18 09:30 AM	15212	336	2.15	ND	ND	ND	ND	ND	ND	ND	4.7	103
12/12/18 10:00 AM	15501	336	2.14	ND	ND	ND	ND	ND	ND	ND	5.8	113
12/12/18 10:30 AM	15728	336	2.13	ND	ND	ND	ND	ND	ND	ND	6.1	112
12/12/18 11:00 AM	15770	337	2.12	ND	ND	ND	ND	ND	ND	ND	7.2	119
12/12/18 11:30 AM	15801	338	2.17	ND	ND	ND	ND	ND	ND	ND	7.8	130
12/12/18 12:00 PM	15804	341	2.27	ND	ND	ND	ND	ND	ND	ND	8.5	140
12/12/18 12:30 PM	15941	339	2.13	ND	ND	ND	ND	ND	ND	ND	9.0	141
12/12/18 01:00 PM	16179	335	2.13	ND	ND	ND	ND	ND	ND	ND	9.2	137
12/12/18 01:30 PM	16378	336	2.13	ND	ND	ND	ND	ND	ND	ND	7.9	142
12/12/18 02:00 PM	16748	337	2.13	ND	ND	ND	ND	ND	ND	ND	8.1	141
12/12/18 02:30 PM	17005	340	2.14	ND	ND	ND	ND	ND	ND	ND	8.1	138
12/12/18 03:00 PM	17196	338	2.13	ND	ND	ND	ND	ND	ND	ND	7.0	145
12/12/18 03:30 PM	17345	335	2.13	ND	ND	ND	ND	ND	ND	ND	5.5	145
12/12/18 04:00 PM	17569	330	2.13	ND	ND	ND	ND	ND	ND	ND	5.3	135
12/12/18 04:30 PM	17631	332	2.13	ND	ND	ND	ND	ND	ND	ND	6.1	139
12/12/18 05:00 PM	17618	335	2.14	ND	ND	ND	ND	ND	ND	ND	6.9	138
12/12/18 05:30 PM	17421	336	2.14	ND	ND	ND	ND	ND	ND	ND	7.2	139
12/12/18 06:00 PM	17376	335	2.13	ND	ND	ND	ND	ND	ND	ND	7.1	142
12/12/18 06:30 PM	17368	336	2.13	ND	ND	ND	ND	ND	ND	ND	7.5	143
12/12/18 07:00 PM	17340	339	2.13	ND	ND	ND	ND	ND	ND	ND	7.3	130
12/12/18 07:30 PM	17121	337	2.12	ND	ND	ND	ND	ND	ND	ND	6.8	121
12/12/18 08:00 PM	17089	335	2.11	ND	ND	ND	ND	ND	ND	ND	6.1	119
12/12/18 08:30 PM	17065	334	2.12	ND	ND	ND	ND	ND	ND	ND	3.8	105
12/12/18 09:00 PM	17049	334	2.14	ND	ND	ND	ND	ND	ND	ND	3.4	93
12/12/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	85
12/12/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	90
12/12/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	88
12/12/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	117
12/12/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	121
12/13/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	124

## Daily Processed Summary (Average, Maximum)

Average	15493	339	2.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7	128
Maximum Value	17631	346	2.27	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/13/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	118
12/13/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	119
12/13/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	121
12/13/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	130
12/13/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	188
12/13/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	204
12/13/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	192
12/13/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	187
12/13/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	187
12/13/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	191
12/13/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.2	207
12/13/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	217
12/13/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	231
12/13/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	231
12/13/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	246
12/13/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	233
12/13/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	233
12/13/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	222
12/13/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	227
12/13/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	233
12/13/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	231
12/13/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	214
12/13/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	208
12/13/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	203
12/13/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	220
12/13/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	230
12/13/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	247
12/13/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	263
12/13/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	262
12/13/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	252
12/13/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.8	256
12/13/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	263
12/13/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	264
12/13/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	258
12/13/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	246
12/13/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	244
12/13/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.2	242
12/13/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.2	254
12/13/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	15.3	261
12/13/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.4	262
12/13/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	269
12/13/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	261
12/13/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	248
12/13/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.0	256
12/13/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	251
12/13/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.7	247
12/13/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	245
12/14/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	246

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											6.7	235

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/14/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	243
12/14/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	238
12/14/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.6	246
12/14/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	267
12/14/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	250
12/14/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	248
12/14/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	256
12/14/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.6	274
12/14/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	274
12/14/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	273
12/14/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	276
12/14/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.5	280
12/14/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	279
12/14/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.7	279
12/14/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	282
12/14/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	280
12/14/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	278
12/14/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.5	277
12/14/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.4	277
12/14/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.6	280
12/14/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.8	272
12/14/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	284
12/14/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.4	276
12/14/18 12:00 PM	6843	338	2.18	ND	ND	ND	ND	ND	ND	ND	11.3	275
12/14/18 12:30 PM	6822	338	2.18	ND	ND	ND	ND	ND	ND	ND	12.5	275
12/14/18 01:00 PM	6857	339	2.19	ND	ND	ND	ND	ND	ND	ND	12.4	277
12/14/18 01:30 PM	6904	337	2.19	ND	ND	ND	ND	ND	ND	ND	12.6	277
12/14/18 02:00 PM	7159	340	2.20	ND	ND	ND	ND	ND	ND	ND	11.6	280
12/14/18 02:30 PM	7117	338	2.20	ND	ND	ND	ND	ND	ND	ND	12.3	282
12/14/18 03:00 PM	7283	339	2.21	ND	ND	ND	ND	ND	ND	ND	12.2	282
12/14/18 03:30 PM	7349	338	2.21	ND	ND	ND	ND	ND	ND	ND	11.4	277
12/14/18 04:00 PM	7296	336	2.20	ND	ND	ND	ND	ND	ND	ND	10.9	277
12/14/18 04:30 PM	7335	337	2.19	ND	ND	ND	ND	ND	ND	ND	11.4	283
12/14/18 05:00 PM	7469	339	2.19	ND	ND	ND	ND	ND	ND	ND	10.0	292
12/14/18 05:30 PM	7561	340	2.19	ND	ND	ND	ND	ND	ND	ND	10.8	303
12/14/18 06:00 PM	7703	337	2.18	ND	ND	ND	ND	ND	ND	ND	10.2	306
12/14/18 06:30 PM	7786	337	2.19	ND	ND	ND	ND	ND	ND	ND	8.2	307
12/14/18 07:00 PM	7815	339	2.19	ND	ND	ND	ND	ND	ND	ND	8.3	307
12/14/18 07:30 PM	7849	337	2.19	ND	ND	ND	ND	ND	ND	ND	9.4	308
12/14/18 08:00 PM	7928	338	2.19	ND	ND	ND	ND	ND	ND	ND	7.8	298
12/14/18 08:30 PM	8019	340	2.19	ND	ND	ND	ND	ND	ND	ND	6.5	294
12/14/18 09:00 PM	8105	340	2.20	ND	ND	ND	ND	ND	ND	0.00259	4.8	282
12/14/18 09:30 PM	8332	339	2.22	ND	ND	ND	ND	ND	ND	ND	4.2	273
12/14/18 10:00 PM	8548	338	2.20	ND	ND	ND	ND	ND	ND	ND	4.2	260
12/14/18 10:30 PM	8627	339	2.19	ND	ND	ND	ND	ND	ND	0.00277	5.3	267
12/14/18 11:00 PM	8168	339	2.18	ND	ND	ND	ND	ND	ND	ND	6.1	272
12/14/18 11:30 PM	8168	340	2.18	ND	ND	ND	ND	ND	ND	ND	6.3	261
12/15/18 12:00 AM	8171	343	2.20	ND	ND	ND	ND	ND	ND	ND	7.4	262

## Daily Processed Summary (Average, Maximum)

Average	7653	339	2.19	BDL	BDL	BDL	BDL	BDL	BDL	0.00011	9.8	277
Maximum Value	8627	343	2.22	BDL	BDL	BDL	BDL	BDL	BDL	0.00277		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/15/18 12:30 AM	8368	345	2.21	ND	ND	ND	ND	ND	ND	ND	6.6	258
12/15/18 01:00 AM	8029	344	2.24	ND	ND	ND	ND	ND	ND	ND	7.3	263
12/15/18 01:30 AM	7911	344	2.25	ND	ND	ND	ND	ND	ND	ND	6.9	261
12/15/18 02:00 AM	7735	343	2.24	ND	ND	ND	ND	ND	ND	ND	6.9	258
12/15/18 02:30 AM	7670	341	2.28	ND	ND	ND	ND	ND	ND	ND	7.9	259
12/15/18 03:00 AM	7315	341	2.29	ND	ND	ND	ND	ND	ND	ND	6.9	276
12/15/18 03:30 AM	7260	337	2.31	ND	ND	ND	ND	ND	ND	ND	6.1	272
12/15/18 04:00 AM	7057	336	2.31	ND	ND	ND	ND	ND	ND	ND	6.1	262
12/15/18 04:30 AM	6788	334	2.31	ND	ND	ND	ND	ND	ND	ND	6.9	264
12/15/18 05:00 AM	6530	336	2.32	ND	ND	ND	ND	ND	ND	ND	6.8	278
12/15/18 05:30 AM	6221	341	2.31	ND	ND	ND	ND	ND	ND	ND	7.6	281
12/15/18 06:00 AM	6080	340	2.32	ND	ND	ND	ND	ND	ND	ND	6.5	277
12/15/18 06:30 AM	6018	339	2.31	ND	ND	ND	ND	ND	ND	ND	6.0	275
12/15/18 07:00 AM	5916	338	2.31	ND	ND	ND	ND	ND	ND	0.00397	6.7	273
12/15/18 07:30 AM	5805	340	2.31	0.00390	ND	ND	ND	ND	ND	ND	6.4	273
12/15/18 08:00 AM	5553	341	2.30	ND	ND	ND	ND	ND	ND	ND	6.8	282
12/15/18 08:30 AM	4924	342	2.32	ND	ND	ND	ND	ND	ND	ND	7.4	297
12/15/18 09:00 AM	5256	343	2.30	ND	ND	ND	ND	ND	ND	ND	8.3	301
12/15/18 09:30 AM	5161	342	2.26	ND	ND	ND	ND	ND	ND	ND	9.2	298
12/15/18 10:00 AM	5594	341	2.26	ND	ND	ND	ND	ND	ND	ND	8.6	300
12/15/18 10:30 AM	6172	345	2.26	ND	ND	ND	ND	ND	ND	ND	6.8	295
12/15/18 11:00 AM	6320	346	2.25	ND	ND	ND	ND	ND	ND	ND	7.8	306
12/15/18 11:30 AM	6377	348	2.26	ND	ND	ND	ND	ND	ND	ND	7.7	307
12/15/18 12:00 PM	6816	350	2.24	ND	ND	ND	ND	ND	ND	ND	8.3	304
12/15/18 12:30 PM	7216	351	2.24	ND	ND	ND	ND	ND	ND	ND	6.9	290
12/15/18 01:00 PM	7143	351	2.24	ND	ND	ND	ND	ND	ND	ND	7.1	288
12/15/18 01:30 PM	7132	351	2.24	ND	ND	ND	ND	ND	ND	ND	7.4	288
12/15/18 02:00 PM	7325	351	2.23	ND	ND	ND	ND	ND	ND	ND	7.6	293
12/15/18 02:30 PM	7296	349	2.21	ND	ND	ND	ND	ND	ND	ND	6.8	286
12/15/18 03:00 PM	7209	351	2.20	ND	ND	ND	ND	ND	ND	ND	6.4	283
12/15/18 03:30 PM	6805	348	2.19	ND	ND	ND	ND	ND	ND	ND	6.6	286
12/15/18 04:00 PM	6483	347	2.19	ND	ND	ND	ND	ND	ND	ND	6.1	287
12/15/18 04:30 PM	6165	347	2.18	ND	ND	ND	ND	ND	ND	ND	6.2	295
12/15/18 05:00 PM	6433	348	2.17	ND	ND	ND	ND	ND	ND	ND	5.4	299
12/15/18 05:30 PM	6845	344	2.16	ND	ND	ND	ND	ND	ND	ND	4.0	299
12/15/18 06:00 PM	7380	342	2.15	ND	ND	ND	ND	ND	ND	ND	2.6	296
12/15/18 06:30 PM	7830	342	2.18	ND	ND	ND	ND	ND	ND	ND	1.7	285
12/15/18 07:00 PM	8386	339	2.17	ND	ND	ND	ND	ND	ND	ND	1.8	247
12/15/18 07:30 PM	8188	341	2.22	ND	ND	ND	ND	ND	ND	ND	1.2	282
12/15/18 08:00 PM	8058	339	2.26	ND	ND	ND	ND	ND	ND	ND	1.7	269
12/15/18 08:30 PM	8026	339	2.27	0.00478	ND	ND	ND	ND	ND	ND	2.1	269
12/15/18 09:00 PM	7671	340	2.26	ND	ND	ND	ND	ND	ND	ND	1.5	281
12/15/18 09:30 PM	7109	345	2.27	ND	ND	ND	ND	ND	ND	ND	1.2	304
12/15/18 10:00 PM	6347	343	2.32	ND	ND	ND	ND	ND	ND	ND	2.0	306
12/15/18 10:30 PM	6037	340	2.39	ND	ND	ND	ND	ND	ND	ND	2.0	296
12/15/18 11:00 PM	5853	341	2.95	ND	ND	ND	ND	ND	ND	ND	1.8	301
12/15/18 11:30 PM	6695	342	3.73	ND	ND	ND	ND	ND	ND	ND	2.5	263
12/16/18 12:00 AM	6997	341	2.36	ND	ND	ND	ND	ND	ND	ND	2.8	274

## Daily Processed Summary (Average, Maximum)

Average	6823	343	2.30	0.00018	BDL	BDL	BDL	BDL	BDL	BDL	5.4	284
Maximum Value	8386	351	3.73	0.00478	BDL	BDL	BDL	BDL	BDL	0.00397		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/16/18 12:30 AM	6554	339	2.35	ND	ND	ND	ND	ND	ND	ND	2.4	296
12/16/18 01:00 AM	6391	340	2.40	ND	ND	ND	ND	ND	ND	ND	3.2	297
12/16/18 01:30 AM	6278	341	2.42	ND	ND	ND	ND	ND	ND	ND	3.4	290
12/16/18 02:00 AM	6552	340	2.41	ND	ND	ND	ND	ND	ND	ND	2.7	282
12/16/18 02:30 AM	6406	339	2.43	ND	ND	ND	ND	ND	ND	ND	1.7	313
12/16/18 03:00 AM	5655	341	2.49	ND	ND	ND	ND	ND	ND	ND	1.7	330
12/16/18 03:30 AM	5786	339	2.59	ND	ND	ND	ND	ND	ND	ND	2.2	309
12/16/18 04:00 AM	5647	341	4.01	ND	ND	ND	ND	ND	ND	ND	2.0	300
12/16/18 04:30 AM	5713	340	3.00	ND	ND	ND	ND	ND	ND	ND	2.3	294
12/16/18 05:00 AM	5741	340	2.77	ND	ND	ND	ND	ND	ND	ND	1.9	301
12/16/18 05:30 AM	5853	338	2.58	ND	ND	ND	ND	ND	ND	ND	1.2	275
12/16/18 06:00 AM	5035	335	2.53	ND	ND	ND	ND	ND	ND	ND	2.0	182
12/16/18 06:30 AM	5110	335	2.61	ND	ND	ND	ND	ND	ND	ND	1.2	245
12/16/18 07:00 AM	5538	340	2.62	ND	ND	ND	ND	ND	ND	0.02558	1.2	158
12/16/18 07:30 AM	5866	341	2.59	ND	ND	ND	ND	ND	ND	0.02166	1.8	208
12/16/18 08:00 AM	6450	337	2.64	ND	ND	ND	ND	ND	ND	ND	1.4	289
12/16/18 08:30 AM	6359	339	2.63	ND	ND	ND	ND	ND	ND	ND	1.2	324
12/16/18 09:00 AM	6783	344	2.55	ND	ND	ND	ND	ND	ND	ND	1.1	94
12/16/18 09:30 AM	6022	355	2.44	ND	ND	ND	ND	ND	ND	ND	3.2	61
12/16/18 10:00 AM	5757	357	2.45	ND	ND	ND	ND	ND	ND	ND	5.3	52
12/16/18 10:30 AM	6008	355	2.41	ND	ND	ND	ND	ND	ND	ND	4.7	55
12/16/18 11:00 AM	5876	350	2.29	ND	ND	ND	ND	ND	ND	ND	4.4	82
12/16/18 11:30 AM	7653	348	2.37	ND	ND	ND	ND	ND	ND	ND	3.9	200
12/16/18 12:00 PM	7879	353	2.44	ND	ND	ND	ND	ND	ND	ND	3.6	257
12/16/18 12:30 PM	7497	354	2.40	ND	ND	ND	ND	ND	ND	ND	4.4	243
12/16/18 01:00 PM	8114	355	2.38	ND	ND	ND	ND	ND	ND	ND	4.6	240
12/16/18 01:30 PM	7977	354	2.36	ND	ND	ND	ND	ND	ND	ND	4.0	240
12/16/18 02:00 PM	8041	353	2.31	ND	ND	ND	ND	ND	ND	ND	3.6	224
12/16/18 02:30 PM	7692	351	2.28	ND	ND	ND	ND	ND	ND	ND	3.5	233
12/16/18 03:00 PM	7324	352	2.25	ND	ND	ND	ND	ND	ND	ND	3.7	193
12/16/18 03:30 PM	7108	351	2.24	ND	ND	ND	ND	ND	ND	ND	3.4	182
12/16/18 04:00 PM	6758	350	2.23	ND	ND	ND	ND	ND	ND	ND	2.6	196
12/16/18 04:30 PM	7115	346	2.23	ND	ND	ND	ND	ND	ND	ND	2.4	179
12/16/18 05:00 PM	6706	347	2.28	ND	ND	ND	ND	ND	ND	ND	2.5	172
12/16/18 05:30 PM	6918	350	2.26	ND	ND	ND	ND	ND	ND	ND	1.4	146
12/16/18 06:00 PM	7506	347	2.31	ND	ND	ND	ND	ND	ND	ND	2.1	106
12/16/18 06:30 PM	7349	347	2.27	ND	ND	ND	ND	ND	ND	ND	1.8	108
12/16/18 07:00 PM	7308	345	2.25	ND	ND	ND	ND	ND	ND	ND	2.4	105
12/16/18 07:30 PM	8618	350	2.32	ND	ND	ND	ND	ND	ND	ND	2.9	105
12/16/18 08:00 PM	9868	347	2.36	ND	ND	ND	ND	ND	ND	ND	3.0	118
12/16/18 08:30 PM	10395	349	2.38	ND	ND	ND	ND	ND	ND	ND	2.9	135
12/16/18 09:00 PM	10960	348	2.39	ND	ND	ND	ND	ND	ND	ND	3.1	133
12/16/18 09:30 PM	11461	346	2.36	ND	ND	ND	ND	ND	ND	ND	3.0	130
12/16/18 10:00 PM	11650	345	2.36	ND	ND	ND	ND	ND	ND	ND	2.8	128
12/16/18 10:30 PM	11734	343	2.35	ND	ND	ND	ND	ND	ND	ND	2.4	138
12/16/18 11:00 PM	11717	341	2.38	ND	ND	ND	ND	ND	ND	ND	1.7	136
12/16/18 11:30 PM	11734	342	2.32	ND	ND	ND	ND	ND	ND	ND	2.9	109
12/17/18 12:00 AM	11886	341	2.34	ND	ND	ND	ND	ND	ND	ND	2.8	92

## Daily Processed Summary (Average, Maximum)

Average	7507	345	2.45	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00098	0.7	183
Maximum Value	11886	357	4.01	BDL	BDL	BDL	BDL	BDL	BDL	0.02558			

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/17/18 12:30 AM	12066	343	2.42	ND	ND	ND	ND	ND	ND	ND	3.1	82
12/17/18 01:00 AM	12047	341	2.38	ND	ND	ND	ND	ND	ND	0.00269	3.2	114
12/17/18 01:30 AM	12128	339	2.33	ND	ND	ND	ND	ND	ND	ND	2.4	128
12/17/18 02:00 AM	12221	337	2.31	ND	ND	ND	ND	ND	ND	ND	1.0	181
12/17/18 02:30 AM	12291	339	2.30	ND	ND	ND	ND	ND	ND	ND	1.7	169
12/17/18 03:00 AM	12334	339	2.40	ND	ND	ND	ND	ND	ND	ND	2.6	194
12/17/18 03:30 AM	12730	341	2.47	ND	ND	ND	ND	ND	ND	ND	2.3	265
12/17/18 04:00 AM	12045	347	2.41	ND	ND	ND	ND	ND	ND	ND	1.9	292
12/17/18 04:30 AM	11553	344	2.44	ND	ND	ND	ND	ND	ND	ND	1.3	167
12/17/18 05:00 AM	11415	343	2.58	ND	ND	ND	ND	ND	ND	ND	1.0	321
12/17/18 05:30 AM	11491	337	2.58	ND	ND	ND	ND	ND	ND	ND	0.9	55
12/17/18 06:00 AM	11579	342	3.48	ND	ND	ND	ND	ND	ND	ND	1.8	86
12/17/18 06:30 AM	11470	342	6.15	ND	ND	ND	ND	ND	ND	ND	1.2	134
12/17/18 07:00 AM	11374	346	5.13	ND	ND	0.01220	ND	ND	ND	ND	1.0	125
12/17/18 07:30 AM	11437	347	4.79	ND	ND	ND	ND	ND	ND	ND	1.4	250
12/17/18 08:00 AM	11456	344	3.39	ND	ND	ND	ND	ND	ND	ND	1.1	319
12/17/18 08:30 AM	11695	350	3.09	ND	ND	ND	ND	ND	ND	ND	1.0	292
12/17/18 09:00 AM	12241	348	2.90	ND	ND	ND	ND	ND	ND	ND	1.4	287
12/17/18 09:30 AM	12656	351	3.22	ND	ND	ND	ND	ND	ND	ND	3.5	310
12/17/18 10:00 AM	12409	349	2.71	ND	ND	ND	ND	ND	ND	ND	3.9	308
12/17/18 10:30 AM	12858	350	2.56	ND	ND	ND	ND	ND	ND	ND	2.4	277
12/17/18 11:00 AM	13256	353	2.56	ND	ND	ND	ND	ND	ND	ND	3.2	270
12/17/18 11:30 AM	13548	349	2.53	ND	ND	ND	ND	ND	ND	ND	2.9	249
12/17/18 12:00 PM	13685	350	2.55	ND	ND	ND	ND	ND	ND	ND	3.3	165
12/17/18 12:30 PM	14001	349	2.33	ND	ND	ND	ND	ND	ND	ND	3.3	139
12/17/18 01:00 PM	13619	348	2.22	ND	ND	ND	ND	ND	ND	ND	3.7	198
12/17/18 01:30 PM	13528	349	2.25	ND	ND	ND	ND	ND	ND	ND	4.6	127
12/17/18 02:00 PM	13246	349	2.22	ND	ND	ND	ND	ND	ND	ND	5.5	123
12/17/18 02:30 PM	13577	352	2.26	ND	ND	ND	ND	ND	ND	ND	5.8	110
12/17/18 03:00 PM	13692	352	2.30	ND	ND	ND	ND	ND	ND	ND	6.2	109
12/17/18 03:30 PM	13592	351	2.24	ND	ND	ND	ND	ND	ND	ND	5.7	112
12/17/18 04:00 PM	13018	350	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	106
12/17/18 04:30 PM	12796	352	2.20	ND	ND	ND	ND	ND	ND	ND	4.1	102
12/17/18 05:00 PM	12710	350	2.20	ND	ND	ND	ND	ND	ND	ND	3.6	102
12/17/18 05:30 PM	12652	350	2.20	ND	ND	ND	ND	ND	ND	ND	3.9	110
12/17/18 06:00 PM	12255	348	2.20	ND	ND	ND	ND	ND	ND	ND	3.6	116
12/17/18 06:30 PM	12204	348	2.22	ND	ND	ND	ND	ND	ND	ND	3.1	115
12/17/18 07:00 PM	12412	349	2.22	ND	ND	ND	ND	ND	ND	ND	3.0	111
12/17/18 07:30 PM	12879	347	2.21	ND	ND	ND	ND	ND	ND	ND	3.3	116
12/17/18 08:00 PM	12942	345	2.22	ND	ND	ND	ND	ND	ND	ND	3.7	126
12/17/18 08:30 PM	13004	347	2.21	ND	ND	ND	ND	ND	ND	ND	3.2	120
12/17/18 09:00 PM	13215	347	2.22	ND	ND	ND	ND	ND	ND	ND	2.8	114
12/17/18 09:30 PM	13291	344	2.23	ND	ND	ND	ND	ND	ND	ND	3.5	117
12/17/18 10:00 PM	13375	339	2.22	ND	ND	ND	ND	ND	ND	ND	3.0	113
12/17/18 10:30 PM	13462	338	2.20	ND	ND	ND	ND	ND	ND	ND	1.7	129
12/17/18 11:00 PM	13434	342	2.23	ND	ND	ND	ND	ND	ND	ND		
12/17/18 11:30 PM	13223	342	2.26	ND	ND	ND	ND	ND	ND	ND		
12/18/18 12:00 AM	13179	342	2.25	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	12652	346	2.61	BDL	BDL	0.00025	BDL	BDL	BDL	0.00006	1.7	129
Maximum Value	14001	353	6.15	BDL	BDL	0.01220	BDL	BDL	BDL	0.00269		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCl_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/18/18 12:30 AM	13047	342	2.26	ND	ND	ND	ND	ND	ND	ND	2.3	98
12/18/18 01:00 AM	12933	339	2.25	ND	ND	ND	ND	ND	ND	ND	2.3	88
12/18/18 01:30 AM	12723	336	2.20	ND	ND	ND	ND	ND	ND	ND	1.7	89
12/18/18 02:00 AM	12692	337	2.21	ND	ND	ND	ND	ND	ND	ND	1.6	90
12/18/18 02:30 AM	12695	338	2.20	ND	ND	ND	ND	ND	ND	ND	1.9	66
12/18/18 03:00 AM	12512	334	2.23	ND	ND	ND	ND	ND	ND	ND	1.1	44
12/18/18 03:30 AM	12538	340	2.27	ND	ND	ND	ND	ND	ND	ND	0.9	45
12/18/18 04:00 AM	12677	341	2.24	ND	ND	ND	ND	ND	ND	ND	2.5	62
12/18/18 04:30 AM	12733	345	2.30	ND	ND	ND	ND	ND	ND	ND	2.9	115
12/18/18 05:00 AM	12148	350	2.49	ND	ND	ND	ND	ND	ND	ND	1.3	100
12/18/18 05:30 AM	11679	352	2.44	ND	ND	0.01132	ND	ND	ND	ND	1.2	102
12/18/18 06:00 AM	11426	352	2.44	ND	ND	ND	ND	ND	ND	ND	1.2	57
12/18/18 06:30 AM	11202	352	2.47	ND	ND	0.00236	ND	ND	ND	ND	0.8	252
12/18/18 07:00 AM	11133	351	2.46	ND	ND	ND	ND	ND	ND	0.00297	1.0	133
12/18/18 07:30 AM	11387	349	2.37	ND	ND	ND	ND	ND	ND	ND	3.5	66
12/18/18 08:00 AM	11285	348	2.48	ND	ND	ND	0.00110	ND	ND	ND	5.1	56
12/18/18 08:30 AM	11983	350	2.49	ND	ND	0.00531	ND	ND	ND	ND	4.8	53
12/18/18 09:00 AM	13230	357	2.36	ND	ND	0.01427	ND	ND	ND	ND	4.0	45
12/18/18 09:30 AM	13552	355	2.38	ND	ND	ND	ND	ND	ND	ND	5.6	47
12/18/18 10:00 AM	14244	348	2.35	ND	ND	ND	ND	ND	ND	ND	4.9	41
12/18/18 10:30 AM	14384	349	2.34	ND	ND	ND	ND	ND	ND	ND	5.8	40
12/18/18 11:00 AM	14588	349	2.33	ND	ND	ND	0.00097	ND	ND	ND	6.8	54
12/18/18 11:30 AM	14858	344	2.27	ND	ND	ND	ND	ND	ND	ND	7.2	65
12/18/18 12:00 PM	15147	349	2.24	ND	ND	ND	ND	ND	ND	ND	7.2	64
12/18/18 12:30 PM	15387	353	2.23	ND	ND	ND	ND	ND	ND	ND	7.0	58
12/18/18 01:00 PM	15404	352	2.22	ND	ND	ND	ND	ND	ND	ND	7.5	67
12/18/18 01:30 PM	15311	353	2.22	ND	ND	ND	ND	ND	ND	ND	6.9	73
12/18/18 02:00 PM	15576	350	2.21	ND	ND	ND	ND	ND	ND	ND	8.8	68
12/18/18 02:30 PM	16079	349	2.20	ND	ND	ND	ND	ND	ND	ND	8.6	69
12/18/18 03:00 PM	16108	346	2.20	ND	ND	ND	ND	ND	ND	ND	8.9	70
12/18/18 03:30 PM	16162	346	2.19	ND	ND	ND	ND	ND	ND	ND	8.5	62
12/18/18 04:00 PM	15967	345	2.20	ND	ND	ND	ND	ND	ND	ND	9.3	65
12/18/18 04:30 PM	15982	345	2.20	ND	ND	ND	ND	ND	ND	ND	8.3	61
12/18/18 05:00 PM	16056	342	2.20	ND	ND	ND	ND	ND	ND	ND	8.5	66
12/18/18 05:30 PM	16095	340	2.19	ND	ND	ND	ND	ND	ND	ND	8.6	62
12/18/18 06:00 PM	15974	339	2.19	ND	ND	ND	ND	ND	ND	ND	8.0	66
12/18/18 06:30 PM	15793	327	2.18	ND	ND	ND	ND	ND	ND	ND	7.1	65
12/18/18 07:00 PM	15994	336	2.20	ND	ND	ND	ND	ND	ND	ND	8.0	52
12/18/18 07:30 PM	15782	340	2.22	ND	ND	ND	ND	ND	ND	ND	9.2	54
12/18/18 08:00 PM	15529	330	2.20	ND	ND	ND	ND	ND	ND	ND	6.4	45
12/18/18 08:30 PM	15544	325	2.20	ND	ND	ND	ND	ND	ND	0.00321	6.6	44
12/18/18 09:00 PM	14770	280	2.08	ND	ND	ND	0.00133	ND	ND	0.06666	6.2	58
12/18/18 09:30 PM	13810	235	1.94	ND	ND	ND	ND	ND	ND	ND	7.4	47
12/18/18 10:00 PM	14599	276	2.07	ND	ND	ND	ND	ND	ND	ND	7.8	49
12/18/18 10:30 PM	15494	335	2.23	ND	ND	ND	ND	ND	ND	ND	8.6	51
12/18/18 11:00 PM	15396	327	2.19	ND	ND	ND	ND	ND	ND	ND	7.5	51
12/18/18 11:30 PM	14970	303	2.12	ND	ND	ND	ND	ND	ND	ND	9.2	51
12/19/18 12:00 AM	15476	338	2.22	ND	ND	ND	ND	ND	ND	ND	8.4	53

## Daily Processed Summary (Average, Maximum)

Average	14168	338	2.26	BDL	BDL	0.00069	0.00007	BDL	BDL	0.00152	5.4	60
Maximum Value	16162	357	2.49	BDL	BDL	0.01427	0.00133	BDL	BDL	0.06666		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/19/18 12:30 AM	15497	335	2.22	ND	ND	ND	ND	ND	ND	ND	7.0	58
12/19/18 01:00 AM	15467	331	2.20	ND	ND	ND	ND	ND	ND	ND	5.9	52
12/19/18 01:30 AM	15494	336	2.24	ND	ND	ND	ND	ND	ND	ND	6.8	48
12/19/18 02:00 AM	15450	334	2.29	ND	ND	ND	ND	ND	ND	ND	6.4	51
12/19/18 02:30 AM	15204	317	2.25	ND	ND	ND	ND	ND	ND	ND	6.2	51
12/19/18 03:00 AM	14949	302	2.21	ND	ND	ND	ND	ND	ND	ND	5.8	52
12/19/18 03:30 AM	12919	223	1.82	ND	ND	ND	ND	ND	ND	ND	4.5	56
12/19/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.4	64
12/19/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.2	211
12/19/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.6	224
12/19/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.0	248
12/19/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	1.9	324
12/19/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.0	347
12/19/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.9	336
12/19/18 07:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.3	327
12/19/18 08:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.1	324
12/19/18 08:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	2.8	311
12/19/18 09:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.8	303
12/19/18 09:30 AM	14568	285	2.14	ND	ND	ND	ND	ND	ND	ND	3.4	294
12/19/18 10:00 AM	15450	321	2.27	ND	ND	ND	ND	ND	ND	ND	3.9	284
12/19/18 10:30 AM	15985	342	2.31	ND	ND	ND	ND	ND	ND	ND	3.3	294
12/19/18 11:00 AM	16422	345	2.32	ND	ND	ND	ND	ND	ND	ND	3.8	276
12/19/18 11:30 AM	16240	348	2.30	ND	ND	ND	ND	ND	ND	ND	3.8	271
12/19/18 12:00 PM	16131	353	2.30	ND	ND	ND	ND	ND	ND	ND	4.2	258
12/19/18 12:30 PM	15952	355	2.32	ND	ND	ND	ND	ND	ND	ND	3.7	269
12/19/18 01:00 PM	15777	355	2.32	ND	ND	ND	ND	ND	ND	ND	3.5	300
12/19/18 01:30 PM	15444	355	2.30	ND	ND	ND	ND	ND	ND	ND	4.0	289
12/19/18 02:00 PM	15179	358	2.29	ND	ND	ND	ND	ND	ND	ND	3.9	293
12/19/18 02:30 PM	15445	354	2.32	ND	ND	ND	ND	ND	ND	ND	3.7	328
12/19/18 03:00 PM	15145	352	2.32	ND	ND	ND	ND	ND	ND	ND	3.2	315
12/19/18 03:30 PM	15135	354	2.31	ND	ND	ND	ND	ND	ND	ND	3.5	323
12/19/18 04:00 PM	15058	355	2.32	ND	ND	ND	ND	ND	ND	ND	2.4	266
12/19/18 04:30 PM	16163	354	2.33	ND	ND	ND	ND	ND	ND	ND	4.1	154
12/19/18 05:00 PM	15954	352	2.32	ND	ND	ND	ND	ND	ND	ND	4.2	117
12/19/18 05:30 PM	15661	353	2.35	ND	ND	ND	ND	ND	ND	ND	3.6	60
12/19/18 06:00 PM	15475	350	2.36	ND	ND	ND	ND	ND	ND	ND	4.8	57
12/19/18 06:30 PM	15390	348	2.36	ND	ND	ND	ND	ND	ND	ND	6.1	29
12/19/18 07:00 PM	15098	348	2.34	ND	ND	ND	ND	ND	ND	ND	5.2	35
12/19/18 07:30 PM	15057	348	2.34	ND	ND	ND	ND	ND	ND	ND	4.2	35
12/19/18 08:00 PM	14756	351	2.37	ND	ND	ND	ND	ND	ND	ND	5.6	49
12/19/18 08:30 PM	14621	356	2.42	ND	ND	ND	ND	ND	ND	ND	4.8	52
12/19/18 09:00 PM	14498	353	2.38	ND	ND	ND	ND	ND	ND	ND	5.0	60
12/19/18 09:30 PM	14215	357	2.34	ND	ND	ND	ND	ND	ND	ND	4.0	55
12/19/18 10:00 PM	14178	354	2.35	ND	ND	ND	ND	ND	ND	ND	4.2	58
12/19/18 10:30 PM	14283	359	2.37	ND	ND	ND	ND	ND	ND	ND	3.6	46
12/19/18 11:00 PM	14545	352	2.39	ND	ND	ND	ND	ND	ND	ND	3.9	155
12/19/18 11:30 PM	14422	350	2.37	ND	ND	ND	ND	ND	ND	ND	2.5	103
12/20/18 12:00 AM												

## Daily Processed Summary (Average, Maximum)

Average	15213	342	2.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7	15
Maximum Value	16422	359	2.42	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BU1_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/20/18 12:30 AM	14291	350	2.36	ND	ND	ND	ND	ND	ND	ND	1.9	315
12/20/18 01:00 AM	14239	348	2.46	ND	ND	ND	ND	ND	ND	ND	4.6	304
12/20/18 01:30 AM	13061	283	2.34	ND	ND	ND	ND	ND	ND	ND	4.5	267
12/20/18 02:00 AM	13222	287	2.35	ND	ND	ND	ND	ND	ND	ND	2.3	269
12/20/18 02:30 AM	13499	307	2.25	ND	ND	ND	ND	ND	ND	ND	2.7	240
12/20/18 03:00 AM	13610	334	2.30	ND	ND	ND	ND	ND	ND	ND	4.0	270
12/20/18 03:30 AM	13711	336	2.30	ND	ND	ND	ND	ND	ND	ND	4.8	274
12/20/18 04:00 AM	13406	340	2.31	ND	ND	ND	ND	ND	ND	ND	5.5	274
12/20/18 04:30 AM	13348	341	2.34	ND	ND	ND	ND	ND	ND	ND	6.7	281
12/20/18 05:00 AM	13547	341	2.37	ND	ND	ND	ND	ND	ND	ND	7.5	279
12/20/18 05:30 AM	12719	307	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	289
12/20/18 06:00 AM	12772	303	2.26	ND	ND	ND	ND	ND	ND	ND	9.1	291
12/20/18 06:30 AM	13159	342	2.37	ND	ND	ND	ND	ND	ND	ND	10.3	304
12/20/18 07:00 AM	12777	347	2.36	ND	ND	ND	ND	ND	ND	0.00250	9.9	306
12/20/18 07:30 AM	12461	348	2.35	ND	ND	ND	ND	ND	ND	ND	9.2	303
12/20/18 08:00 AM	12129	346	2.36	ND	ND	ND	ND	ND	ND	0.00289	8.9	302
12/20/18 08:30 AM	11413	346	2.36	ND	0.00400	ND	ND	ND	ND	ND	10.3	305
12/20/18 09:00 AM	11018	346	2.35	ND	ND	ND	ND	ND	ND	ND	12.1	305
12/20/18 09:30 AM	10222	347	2.30	ND	ND	ND	ND	ND	ND	ND	13.7	306
12/20/18 10:00 AM	9403	346	2.26	ND	ND	ND	ND	ND	ND	ND	14.1	308
12/20/18 10:30 AM	8649	346	2.26	ND	ND	ND	ND	ND	ND	ND	14.9	309
12/20/18 11:00 AM	7935	347	2.22	ND	ND	ND	ND	ND	ND	ND	13.3	311
12/20/18 11:30 AM	7443	351	2.20	ND	ND	ND	ND	ND	ND	ND	15.2	306
12/20/18 12:00 PM	7238	350	2.17	ND	ND	ND	ND	ND	ND	ND	14.6	303
12/20/18 12:30 PM	6903	354	2.16	ND	ND	ND	ND	ND	ND	ND	16.8	304
12/20/18 01:00 PM	6700	354	2.16	ND	ND	ND	ND	ND	ND	ND	16.5	298
12/20/18 01:30 PM	6600	351	2.16	ND	ND	ND	ND	ND	ND	ND	16.4	299
12/20/18 02:00 PM	5536	350	2.15	ND	ND	ND	ND	ND	ND	ND	18.5	304
12/20/18 02:30 PM	5373	353	2.16	ND	ND	ND	ND	ND	ND	ND	15.9	311
12/20/18 03:00 PM	5153	354	2.15	ND	ND	ND	ND	ND	ND	ND	18.9	307
12/20/18 03:30 PM	4969	353	2.14	ND	ND	ND	ND	ND	ND	ND	21.1	306
12/20/18 04:00 PM	5088	352	2.14	ND	ND	ND	ND	ND	ND	ND	16.5	308
12/20/18 04:30 PM	5291	349	2.14	ND	ND	ND	ND	ND	ND	ND	15.9	306
12/20/18 05:00 PM	5493	348	2.14	ND	ND	ND	ND	ND	ND	ND	15.0	305
12/20/18 05:30 PM	5903	348	2.13	ND	ND	ND	ND	ND	ND	ND	9.4	301
12/20/18 06:00 PM	6886	345	2.13	ND	ND	ND	ND	ND	ND	ND	8.3	287
12/20/18 06:30 PM	6605	342	2.13	ND	ND	ND	ND	ND	ND	ND	9.6	285
12/20/18 07:00 PM	6240	342	2.13	ND	ND	ND	ND	ND	ND	ND	9.5	288
12/20/18 07:30 PM	6038	341	2.14	ND	ND	ND	ND	ND	ND	ND	8.8	290
12/20/18 08:00 PM	6433	343	2.14	ND	ND	ND	ND	ND	ND	ND	8.2	287
12/20/18 08:30 PM	6462	343	2.15	ND	ND	ND	ND	ND	ND	ND	8.6	282
12/20/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	282
12/20/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	274
12/20/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	270
12/20/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	262
12/20/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	271
12/20/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	265
12/21/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	259

## Daily Processed Summary (Average, Maximum)

Average	9433	341	2.24	BDL	0.00008	BDL	BDL	BDL	BDL	0.00011	10.0	297
Maximum Value	14291	354	2.46	BDL	0.00400	BDL	BDL	BDL	BDL	0.00289		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/21/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	254
12/21/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.7	261
12/21/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	273
12/21/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	273
12/21/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	280
12/21/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	286
12/21/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	282
12/21/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	274
12/21/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	265
12/21/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	264
12/21/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	251
12/21/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	268
12/21/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	306
12/21/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	311
12/21/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	299
12/21/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	275
12/21/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	263
12/21/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	264
12/21/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	261
12/21/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	270
12/21/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	285
12/21/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	299
12/21/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	289
12/21/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	262
12/21/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	247
12/21/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	235
12/21/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	232
12/21/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	233
12/21/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	234
12/21/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	230
12/21/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	186
12/21/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.4	121
12/21/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.7	111
12/21/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	134
12/21/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	147
12/21/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	148
12/21/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	164
12/21/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	165
12/21/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	158
12/21/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	149
12/21/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	144
12/21/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	147
12/21/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	147
12/21/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	156
12/21/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	149
12/21/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	143
12/21/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	145
12/22/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline		

## Daily Processed Summary (Average, Maximum)

Average											3.0	240
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/22/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	147
12/22/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	142
12/22/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	141
12/22/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	143
12/22/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	146
12/22/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	147
12/22/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	163
12/22/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	163
12/22/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	184
12/22/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	173
12/22/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	168
12/22/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	172
12/22/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	176
12/22/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	173
12/22/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	175
12/22/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	181
12/22/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	183
12/22/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	180
12/22/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	177
12/22/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	182
12/22/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.9	183
12/22/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	184
12/22/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.3	184
12/22/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.4	183
12/22/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.0	184
12/22/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	14.9	184
12/22/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	13.9	186
12/22/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	186
12/22/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.1	186
12/22/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.3	184
12/22/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.2	183
12/22/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.2	178
12/22/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.0	177
12/22/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.5	172
12/22/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	171
12/22/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.1	169
12/22/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	168
12/22/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	168
12/22/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	168
12/22/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	167
12/22/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	169
12/22/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	165
12/22/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	164
12/22/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	167
12/22/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	170
12/22/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	172
12/22/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.4	173
12/23/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	176

## Daily Processed Summary (Average, Maximum)

Average											7.9	174
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	COH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/23/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.5	185
12/23/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.7	278
12/23/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.9	224
12/23/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.1	229
12/23/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.6	303
12/23/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.8	270
12/23/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	0.8	144
12/23/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	157
12/23/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.7	167
12/23/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	1.9	160
12/23/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.1	124
12/23/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.5	121
12/23/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.3	132
12/23/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.0	113
12/23/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.8	242
12/23/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	347
12/23/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	347
12/23/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	349
12/23/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	350
12/23/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.9	352
12/23/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	297
12/23/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	348
12/23/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.7	351
12/23/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	352
12/23/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	353
12/23/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	294
12/23/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	299
12/23/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	237
12/23/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	235
12/23/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	236
12/23/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.5	175
12/23/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	299
12/23/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	349
12/23/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	348
12/23/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	343
12/23/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.7	343
12/23/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	343
12/23/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	347
12/23/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	347
12/23/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	348
12/23/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	348
12/23/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	346
12/23/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.9	348
12/23/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	348
12/23/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	353
12/23/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	237
12/23/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	177
12/24/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.5	350

## Daily Processed Summary (Average, Maximum)

Average												
Maximum Value											3.2	323

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/24/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	350
12/24/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	344
12/24/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.9	342
12/24/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	76
12/24/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	68
12/24/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	75
12/24/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	284
12/24/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	334
12/24/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	330
12/24/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.9	332
12/24/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	188
12/24/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	337
12/24/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	338
12/24/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	347
12/24/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	182
12/24/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	19
12/24/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.8	30
12/24/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	29
12/24/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	27
12/24/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	41
12/24/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.2	55
12/24/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.0	58
12/24/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	67
12/24/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	79
12/24/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.5	89
12/24/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	92
12/24/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	91
12/24/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	96
12/24/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	103
12/24/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	106
12/24/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	102
12/24/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	96
12/24/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	94
12/24/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.9	81
12/24/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.5	85
12/24/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.0	84
12/24/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	84
12/24/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	88
12/24/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	82
12/24/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.3	76
12/24/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	79
12/24/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	101
12/24/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.4	120
12/24/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	119
12/24/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.6	116
12/24/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.4	122
12/24/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.9	119
12/25/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	131

## Daily Processed Summary (Average, Maximum)

Average											3.8	75
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/25/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	132
12/25/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.5	127
12/25/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.6	129
12/25/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	131
12/25/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.3	132
12/25/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.1	129
12/25/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.2	127
12/25/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	2.6	107
12/25/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.7	103
12/25/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	110
12/25/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.2	110
12/25/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	110
12/25/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	3.8	106
12/25/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.1	96
12/25/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	4.0	87
12/25/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	77
12/25/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.3	84
12/25/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.1	85
12/25/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	92
12/25/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.2	98
12/25/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.0	116
12/25/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	114
12/25/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.6	123
12/25/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.9	124
12/25/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.0	121
12/25/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	122
12/25/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.8	124
12/25/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	122
12/25/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.7	110
12/25/18 03:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.4	111
12/25/18 04:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.4	111
12/25/18 04:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	120
12/25/18 05:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	123
12/25/18 05:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.7	123
12/25/18 06:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.6	112
12/25/18 06:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	5.8	104
12/25/18 07:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	80
12/25/18 07:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	86
12/25/18 08:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.3	90
12/25/18 08:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.2	89
12/25/18 09:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	96
12/25/18 09:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	86
12/25/18 10:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	82
12/25/18 10:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.3	80
12/25/18 11:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.1	82
12/25/18 11:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.6	82
12/26/18 12:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	6.7	82

## Daily Processed Summary (Average, Maximum)

Average											5.9	106
Maximum Value												

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/26/18 12:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	73
12/26/18 01:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.0	74
12/26/18 01:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	74
12/26/18 02:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.5	75
12/26/18 02:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.6	80
12/26/18 03:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.9	80
12/26/18 03:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.1	79
12/26/18 04:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	81
12/26/18 04:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	82
12/26/18 05:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.4	81
12/26/18 05:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.8	81
12/26/18 06:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	81
12/26/18 06:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	83
12/26/18 07:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.3	79
12/26/18 07:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	91
12/26/18 08:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	78
12/26/18 08:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	74
12/26/18 09:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.2	105
12/26/18 09:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.6	103
12/26/18 10:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	11.1	94
12/26/18 10:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	12.0	93
12/26/18 11:00 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.6	89
12/26/18 11:30 AM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.2	90
12/26/18 12:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	8.3	86
12/26/18 12:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	7.7	93
12/26/18 01:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.1	97
12/26/18 01:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	9.3	97
12/26/18 02:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.8	103
12/26/18 02:30 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.1	107
12/26/18 03:00 PM	offline	offline	offline	offline	offline	offline	offline	offline	offline	offline	10.0	108
12/26/18 03:30 PM	20646	314	2.08	ND	ND	ND	ND	ND	ND	ND	9.3	111
12/26/18 04:00 PM	20754	313	2.08	ND	ND	ND	ND	ND	ND	ND	9.3	121
12/26/18 04:30 PM	20939	316	2.07	ND	ND	ND	ND	ND	ND	ND	10.2	123
12/26/18 05:00 PM	20866	316	2.06	ND	ND	ND	ND	ND	ND	ND	10.6	123
12/26/18 05:30 PM	20917	310	2.05	ND	ND	ND	ND	ND	ND	ND	10.2	123
12/26/18 06:00 PM	20950	303	2.04	ND	ND	ND	ND	ND	ND	ND	12.1	124
12/26/18 06:30 PM	21166	308	2.04	ND	ND	ND	ND	ND	ND	ND	12.6	123
12/26/18 07:00 PM	21065	309	2.04	ND	ND	ND	ND	ND	ND	ND	11.9	124
12/26/18 07:30 PM	20859	310	2.03	ND	ND	ND	ND	ND	ND	ND	11.4	127
12/26/18 08:00 PM	21135	314	2.04	ND	ND	ND	ND	ND	ND	ND	12.5	135
12/26/18 08:30 PM	21440	320	2.07	ND	ND	ND	ND	ND	ND	ND	13.8	136
12/26/18 09:00 PM	21422	318	2.07	ND	ND	ND	ND	ND	ND	ND	14.8	133
12/26/18 09:30 PM	21479	322	2.06	ND	ND	ND	ND	ND	ND	ND	15.1	132
12/26/18 10:00 PM	21421	327	2.07	ND	ND	ND	ND	ND	ND	ND	14.4	135
12/26/18 10:30 PM	21384	331	2.08	ND	ND	ND	ND	ND	ND	ND	12.9	134
12/26/18 11:00 PM	21337	328	2.07	ND	ND	ND	ND	ND	ND	ND	13.0	132
12/26/18 11:30 PM	21358	330	2.07	ND	ND	ND	ND	ND	ND	ND	12.1	134
12/27/18 12:00 AM	21259	329	2.07	ND	ND	ND	ND	ND	ND	ND		

## Daily Processed Summary (Average, Maximum)

Average	21133	318	2.06	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.4	106
Maximum Value	21479	331	2.08	BDL	BDL	BDL	BDL	BDL	BDL	BDL		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BLT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/27/18 12:30 AM	21100	329	2.08	ND	ND	ND	ND	ND	ND	ND	11.7	135
12/27/18 01:00 AM	21111	325	2.08	ND	ND	ND	ND	ND	ND	ND	11.8	137
12/27/18 01:30 AM	21134	329	2.08	ND	ND	ND	ND	ND	ND	ND	10.8	138
12/27/18 02:00 AM	21104	323	2.07	ND	ND	ND	ND	ND	ND	ND	10.7	137
12/27/18 02:30 AM	21029	317	2.04	ND	ND	ND	ND	ND	ND	ND	13.2	137
12/27/18 03:00 AM	21179	324	2.06	ND	ND	ND	ND	ND	ND	ND	14.4	137
12/27/18 03:30 AM	21145	323	2.09	ND	ND	ND	ND	ND	ND	ND	11.5	151
12/27/18 04:00 AM	21499	320	2.11	ND	ND	ND	ND	ND	ND	ND	10.8	157
12/27/18 04:30 AM	21429	319	2.07	ND	ND	ND	ND	ND	ND	ND	12.0	149
12/27/18 05:00 AM	20738	298	2.02	ND	ND	ND	ND	ND	ND	ND	11.0	179
12/27/18 05:30 AM	20701	307	2.02	ND	ND	ND	ND	ND	ND	ND	11.2	190
12/27/18 06:00 AM	20731	310	2.01	ND	ND	ND	ND	ND	ND	ND	9.0	180
12/27/18 06:30 AM	20707	311	2.03	ND	ND	ND	ND	ND	ND	ND	6.9	184
12/27/18 07:00 AM	20626	312	2.03	ND	ND	ND	ND	ND	ND	ND	4.6	207
12/27/18 07:30 AM	13776	311	2.06	ND	ND	ND	ND	ND	ND	ND	9.4	346
12/27/18 08:00 AM	12284	298	2.03	ND	0.00315	ND	ND	ND	ND	ND	7.9	239
12/27/18 08:30 AM	11966	341	2.15	ND	0.00895	ND	ND	ND	ND	ND	9.0	9
12/27/18 09:00 AM	12016	351	2.19	ND	ND	ND	ND	ND	ND	ND	5.9	12
12/27/18 09:30 AM	12112	345	2.15	ND	ND	ND	ND	ND	ND	ND	4.9	343
12/27/18 10:00 AM	12760	343	2.18	ND	ND	ND	ND	ND	ND	ND	3.5	338
12/27/18 10:30 AM	13018	345	2.20	ND	ND	ND	ND	ND	ND	0.00228	3.2	310
12/27/18 11:00 AM	13183	344	2.16	ND	ND	ND	ND	ND	ND	ND	4.8	309
12/27/18 11:30 AM	13383	350	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	307
12/27/18 12:00 PM	12160	349	2.17	ND	ND	ND	ND	ND	ND	ND	4.7	312
12/27/18 12:30 PM	11551	348	2.17	ND	ND	ND	ND	ND	ND	ND	3.9	323
12/27/18 01:00 PM	11053	346	2.16	ND	ND	ND	ND	ND	ND	ND	4.5	322
12/27/18 01:30 PM	10368	347	2.14	ND	ND	ND	ND	ND	ND	ND	5.0	320
12/27/18 02:00 PM	9726	349	2.14	ND	ND	ND	ND	ND	ND	ND	5.2	336
12/27/18 02:30 PM	9621	348	2.15	ND	ND	ND	ND	ND	ND	ND	4.0	328
12/27/18 03:00 PM	9892	353	2.18	ND	ND	ND	ND	ND	ND	ND	3.8	317
12/27/18 03:30 PM	10385	353	2.18	ND	ND	ND	ND	ND	ND	ND	4.0	327
12/27/18 04:00 PM	10463	350	2.16	ND	ND	ND	ND	ND	ND	ND	4.2	126
12/27/18 04:30 PM	10654	348	2.16	ND	ND	ND	ND	ND	ND	ND	4.5	233
12/27/18 05:00 PM	10641	349	2.16	ND	ND	ND	ND	ND	ND	ND	4.1	351
12/27/18 05:30 PM	10687	352	2.16	ND	ND	ND	ND	ND	ND	ND	3.6	78
12/27/18 06:00 PM	13619	347	2.19	ND	ND	ND	ND	ND	ND	ND	3.3	103
12/27/18 06:30 PM	15197	347	2.17	ND	ND	ND	ND	ND	ND	ND	3.5	105
12/27/18 07:00 PM	14784	348	2.19	ND	ND	ND	ND	ND	ND	ND	2.7	85
12/27/18 07:30 PM	14777	343	2.17	ND	ND	ND	ND	ND	ND	ND	2.3	77
12/27/18 08:00 PM	14949	339	2.17	ND	ND	ND	ND	ND	ND	ND	2.4	74
12/27/18 08:30 PM	15123	338	2.20	ND	ND	ND	ND	ND	ND	ND	2.7	90
12/27/18 09:00 PM	15071	338	2.19	ND	ND	ND	ND	ND	ND	ND	2.5	79
12/27/18 09:30 PM	14775	339	2.22	ND	ND	ND	ND	ND	ND	ND	2.6	75
12/27/18 10:00 PM	13759	341	2.27	ND	ND	ND	ND	ND	ND	ND	3.0	60
12/27/18 10:30 PM	13428	349	2.31	ND	ND	ND	ND	ND	ND	ND	4.0	64
12/27/18 11:00 PM	13735	355	2.25	ND	ND	ND	ND	ND	ND	0.00410	4.6	61
12/27/18 11:30 PM	12780	357	2.27	ND	ND	ND	ND	ND	ND	ND	4.4	57
12/28/18 12:00 AM	11863	357	2.25	ND	ND	ND	ND	ND	ND	ND	4.8	49

## Daily Processed Summary (Average, Maximum)

Average	14996	337	2.14	BDL	BDL	0.00025	BDL	BDL	BDL	0.00013	1.7	128
Maximum Value	21499	357	2.31	BDL	BDL	0.00895	BDL	BDL	BDL	0.00410		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected



# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/28/18 12:30 AM	12091	350	2.28	ND	ND	0.00349	ND	ND	ND	ND	5.9	294
12/28/18 01:00 AM	11424	349	2.31	ND	ND	ND	ND	ND	ND	ND	8.8	298
12/28/18 01:30 AM	10553	345	2.29	ND	ND	ND	ND	ND	ND	ND	10.5	61
12/28/18 02:00 AM	10159	343	2.31	ND	ND	0.00476	ND	ND	ND	ND	10.1	124
12/28/18 02:30 AM	10062	348	2.32	ND	ND	ND	ND	ND	ND	ND	10.4	64
12/28/18 03:00 AM	10031	347	2.34	ND	ND	ND	0.00190	ND	ND	0.00604	10.1	181
12/28/18 03:30 AM	9887	345	2.36	ND	ND	ND	ND	ND	ND	ND	8.7	121
12/28/18 04:00 AM	9699	346	2.36	ND	ND	ND	ND	ND	ND	ND	10.1	354
12/28/18 04:30 AM	9420	343	2.36	ND	ND	ND	ND	ND	ND	ND	10.6	354
12/28/18 05:00 AM	9365	343	2.37	ND	ND	ND	ND	ND	ND	ND	9.8	353
12/28/18 05:30 AM	9169	341	2.35	ND	ND	ND	ND	ND	ND	ND	10.5	352
12/28/18 06:00 AM	8907	341	2.35	ND	ND	ND	ND	ND	ND	ND	11.1	354
12/28/18 06:30 AM	8818	342	2.36	ND	ND	ND	ND	ND	ND	ND	9.1	349
12/28/18 07:00 AM	8719	339	2.33	ND	ND	ND	ND	ND	ND	ND	9.6	353
12/28/18 07:30 AM	8612	342	2.34	ND	ND	ND	ND	ND	ND	0.00367	9.3	350
12/28/18 08:00 AM	8479	339	2.32	ND	ND	ND	ND	ND	ND	ND	9.7	352
12/28/18 08:30 AM	8342	339	2.31	ND	ND	ND	ND	ND	ND	ND	10.9	354
12/28/18 09:00 AM	8280	340	2.31	ND	ND	ND	ND	ND	ND	0.00321	10.4	355
12/28/18 09:30 AM	8196	336	2.30	ND	ND	ND	ND	ND	ND	ND	10.9	354
12/28/18 10:00 AM	8128	338	2.30	ND	ND	ND	ND	ND	ND	ND	11.8	298
12/28/18 10:30 AM	8093	341	2.30	ND	ND	ND	ND	ND	ND	ND	11.9	238
12/28/18 11:00 AM	8025	344	2.29	ND	ND	ND	ND	ND	ND	ND	12.2	298
12/28/18 11:30 AM	7995	343	2.28	ND	ND	ND	ND	ND	ND	ND	12.1	239
12/28/18 12:00 PM	8182	344	2.28	ND	ND	ND	ND	ND	ND	ND	11.3	238
12/28/18 12:30 PM	8201	347	2.29	ND	ND	ND	ND	ND	ND	ND	9.9	351
12/28/18 01:00 PM	8299	346	2.28	ND	ND	ND	ND	ND	ND	ND	10.1	296
12/28/18 01:30 PM	8495	346	2.29	ND	ND	ND	ND	ND	ND	ND	9.0	349
12/28/18 02:00 PM	8670	346	2.29	ND	ND	ND	ND	ND	ND	ND	8.9	348
12/28/18 02:30 PM	8521	345	2.28	ND	ND	ND	ND	ND	ND	ND	9.4	352
12/28/18 03:00 PM	8606	349	2.28	ND	ND	0.00215	ND	ND	ND	ND	10.2	122
12/28/18 03:30 PM	8762	345	2.27	ND	ND	ND	ND	ND	ND	ND	9.5	121
12/28/18 04:00 PM	8857	343	2.27	ND	ND	ND	ND	ND	ND	ND	9.8	350
12/28/18 04:30 PM	8867	343	2.25	ND	ND	ND	ND	ND	ND	ND	9.8	63
12/28/18 05:00 PM	8969	345	2.25	ND	ND	ND	ND	ND	ND	ND	8.9	237
12/28/18 05:30 PM	9033	345	2.24	ND	ND	ND	ND	ND	ND	ND	9.6	353
12/28/18 06:00 PM	9102	346	2.25	ND	ND	ND	ND	ND	ND	ND	8.5	291
12/28/18 06:30 PM	9087	346	2.26	ND	ND	ND	ND	ND	ND	ND	8.4	348
12/28/18 07:00 PM	9195	345	2.26	ND	ND	ND	ND	ND	ND	ND	6.9	346
12/28/18 07:30 PM	9092	342	2.28	ND	ND	ND	ND	ND	ND	ND	9.2	353
12/28/18 08:00 PM	8795	342	2.27	ND	ND	ND	ND	ND	ND	0.00277	8.6	349
12/28/18 08:30 PM	8636	342	2.26	ND	ND	ND	ND	ND	ND	ND	8.1	349
12/28/18 09:00 PM	8490	342	2.26	ND	ND	ND	ND	ND	ND	ND	8.1	347
12/28/18 09:30 PM	8387	340	2.34	ND	ND	ND	ND	ND	ND	ND	7.8	346
12/28/18 10:00 PM	8421	341	2.26	ND	ND	ND	ND	ND	ND	ND	8.6	349
12/28/18 10:30 PM	8426	339	2.26	ND	ND	ND	ND	ND	ND	ND	8.8	348
12/28/18 11:00 PM	8404	343	2.30	ND	ND	ND	ND	ND	ND	ND	8.4	346
12/28/18 11:30 PM	8245	341	2.26	ND	ND	ND	ND	ND	ND	ND	9.0	349
12/29/18 12:00 AM	8126	341	2.28	ND	ND	ND	ND	ND	ND	ND	10.2	349

## Daily Processed Summary (Average, Maximum)

Average	8923	343	2.30	BDL	BDL	0.00022	0.00004	BDL	BDL	0.00033	5.7	344
Maximum Value	12091	350	2.37	BDL	BDL	0.00476	0.00190	BDL	BDL	0.00604		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	C6H6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/29/18 12:30 AM	7959	339	2.29	ND	ND	ND	ND	ND	ND	ND	9.8	348
12/29/18 01:00 AM	7743	337	2.26	ND	ND	ND	ND	ND	ND	ND	10.2	348
12/29/18 01:30 AM	7513	338	2.26	ND	ND	ND	ND	ND	ND	ND	10.2	352
12/29/18 02:00 AM	7355	337	2.27	ND	ND	ND	ND	ND	ND	ND	10.7	354
12/29/18 02:30 AM	7362	339	2.27	ND	ND	ND	ND	ND	ND	ND	9.9	353
12/29/18 03:00 AM	7385	342	2.27	ND	ND	ND	ND	ND	ND	ND	8.7	349
12/29/18 03:30 AM	7569	341	2.32	ND	ND	ND	ND	ND	ND	ND	6.2	344
12/29/18 04:00 AM	7514	341	2.35	ND	ND	ND	ND	ND	ND	ND	6.8	343
12/29/18 04:30 AM	7407	338	2.33	ND	ND	ND	ND	ND	ND	ND	7.4	347
12/29/18 05:00 AM	7296	336	2.29	ND	ND	ND	ND	ND	ND	ND	7.5	345
12/29/18 05:30 AM	7234	339	2.30	ND	ND	ND	ND	ND	ND	ND	7.5	343
12/29/18 06:00 AM	7195	340	2.27	ND	ND	ND	ND	ND	ND	ND	7.9	343
12/29/18 06:30 AM	7331	336	2.27	ND	ND	ND	ND	ND	ND	ND	6.7	343
12/29/18 07:00 AM	7282	338	2.27	ND	ND	ND	ND	ND	ND	ND	7.9	344
12/29/18 07:30 AM	7254	338	2.27	ND	ND	ND	ND	ND	ND	ND	7.8	343
12/29/18 08:00 AM	7396	338	2.30	ND	ND	ND	ND	ND	ND	ND	7.7	345
12/29/18 08:30 AM	7483	337	2.28	ND	ND	ND	ND	ND	ND	ND	8.8	348
12/29/18 09:00 AM	7443	337	2.28	ND	ND	ND	ND	ND	ND	ND	10.7	351
12/29/18 09:30 AM	7540	336	2.27	ND	ND	ND	ND	ND	ND	0.00278	11.2	352
12/29/18 10:00 AM	7575	336	2.27	ND	ND	ND	ND	ND	ND	ND	12.0	354
12/29/18 10:30 AM	7716	339	2.27	ND	ND	ND	ND	ND	ND	ND	12.7	354
12/29/18 11:00 AM	7813	340	2.28	ND	ND	ND	ND	ND	ND	ND	11.1	351
12/29/18 11:30 AM	7842	340	2.28	ND	ND	ND	ND	ND	ND	ND	11.1	349
12/29/18 12:00 PM	7726	335	2.28	ND	ND	ND	ND	ND	ND	0.00372	10.0	347
12/29/18 12:30 PM	7769	336	2.29	ND	ND	ND	ND	ND	ND	ND	9.9	346
12/29/18 01:00 PM	7644	335	2.29	ND	ND	ND	ND	ND	ND	ND	8.9	343
12/29/18 01:30 PM	7625	335	2.30	ND	ND	ND	ND	ND	ND	ND	8.6	345
12/29/18 02:00 PM	7717	335	2.30	ND	ND	ND	ND	ND	ND	ND	9.1	347
12/29/18 02:30 PM	7706	334	2.29	ND	ND	ND	ND	ND	ND	ND	10.6	292
12/29/18 03:00 PM	7799	332	2.30	ND	ND	ND	ND	ND	ND	ND	9.2	350
12/29/18 03:30 PM	7837	335	2.29	ND	ND	ND	ND	ND	ND	ND	9.2	348
12/29/18 04:00 PM	7822	336	2.29	ND	ND	ND	ND	ND	ND	ND	8.5	348
12/29/18 04:30 PM	7885	335	2.29	ND	ND	ND	ND	ND	ND	ND	8.6	351
12/29/18 05:00 PM	7864	340	2.30	ND	ND	ND	ND	ND	ND	ND	8.3	345
12/29/18 05:30 PM	7806	339	2.30	ND	ND	ND	ND	ND	ND	ND	8.6	345
12/29/18 06:00 PM	7774	335	2.28	ND	ND	ND	ND	ND	ND	ND	8.2	343
12/29/18 06:30 PM	7783	335	2.29	ND	ND	ND	ND	ND	ND	ND	8.0	346
12/29/18 07:00 PM	7834	330	2.28	ND	ND	ND	ND	ND	ND	ND	9.1	353
12/29/18 07:30 PM	7972	332	2.28	ND	ND	ND	ND	ND	ND	ND	9.4	351
12/29/18 08:00 PM	7795	333	2.28	ND	ND	ND	ND	ND	ND	ND	9.1	353
12/29/18 08:30 PM	7569	337	2.30	ND	ND	ND	ND	ND	ND	ND	9.1	352
12/29/18 09:00 PM	7601	335	2.29	ND	ND	ND	ND	ND	ND	ND	8.9	351
12/29/18 09:30 PM	7662	336	2.29	ND	ND	ND	ND	ND	ND	ND	8.3	348
12/29/18 10:00 PM	7678	335	2.31	ND	ND	ND	ND	ND	ND	ND	7.3	345
12/29/18 10:30 PM	7731	335	2.30	ND	ND	ND	ND	ND	ND	ND	5.8	340
12/29/18 11:00 PM	7800	338	2.30	ND	ND	ND	ND	ND	ND	ND	6.9	345
12/29/18 11:30 PM	7789	336	2.28	ND	ND	ND	ND	ND	ND	ND	5.2	326
12/30/18 12:00 AM	7651	336	2.27	ND	ND	ND	ND	ND	ND	ND	6.3	341

## Daily Processed Summary (Average, Maximum)

Average	7626	337	2.29	BDL	BDL	BDL	BDL	BDL	BDL	0.00014	8.6	346
Maximum Value	7972	342	2.35	BDL	BDL	BDL	BDL	BDL	BDL	0.00372		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	GHG_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/30/18 12:30 AM	7815	334	2.27	ND	ND	ND	ND	ND	ND	ND	6.0	346
12/30/18 01:00 AM	7958	328	2.28	ND	ND	ND	ND	ND	ND	0.00423	7.1	348
12/30/18 01:30 AM	8133	333	2.28	ND	ND	ND	ND	ND	ND	0.00331	5.7	331
12/30/18 02:00 AM	8043	330	2.28	ND	ND	ND	ND	ND	ND	ND	6.4	348
12/30/18 02:30 AM	8091	330	2.30	ND	ND	ND	ND	ND	ND	ND	6.6	343
12/30/18 03:00 AM	8105	328	2.28	ND	ND	ND	ND	ND	ND	ND	4.7	335
12/30/18 03:30 AM	8061	327	2.28	ND	ND	ND	ND	ND	ND	ND	5.3	343
12/30/18 04:00 AM	8209	330	2.28	ND	ND	ND	ND	ND	ND	ND	6.9	347
12/30/18 04:30 AM	8321	329	2.26	ND	ND	ND	ND	ND	ND	ND	5.7	336
12/30/18 05:00 AM	8211	330	2.26	ND	ND	ND	ND	ND	ND	ND	5.3	339
12/30/18 05:30 AM	8023	329	2.25	ND	ND	ND	ND	ND	ND	ND	5.3	341
12/30/18 06:00 AM	8160	327	2.27	0.00474	ND	ND	ND	ND	ND	ND	5.7	346
12/30/18 06:30 AM	8222	331	2.30	ND	ND	ND	ND	ND	ND	ND	5.8	344
12/30/18 07:00 AM	8153	334	2.28	ND	ND	ND	ND	ND	ND	ND	5.5	342
12/30/18 07:30 AM	8199	333	2.27	ND	ND	ND	ND	ND	ND	ND	5.1	335
12/30/18 08:00 AM	8239	331	2.31	ND	ND	ND	ND	ND	ND	ND	7.4	311
12/30/18 08:30 AM	8233	319	2.32	ND	ND	ND	ND	ND	ND	ND	8.5	310
12/30/18 09:00 AM	8285	328	2.35	ND	ND	ND	ND	ND	ND	ND	6.5	319
12/30/18 09:30 AM	8297	333	2.29	ND	ND	ND	ND	ND	ND	ND	5.8	319
12/30/18 10:00 AM	8294	333	2.27	ND	ND	ND	ND	ND	ND	0.00341	5.0	329
12/30/18 10:30 AM	8286	334	2.29	ND	ND	ND	ND	ND	ND	ND	5.4	338
12/30/18 11:00 AM	8308	335	2.30	ND	ND	ND	ND	ND	ND	ND	5.4	335
12/30/18 11:30 AM	8322	333	2.30	ND	ND	ND	ND	ND	ND	ND	5.2	327
12/30/18 12:00 PM	8343	332	2.30	ND	ND	ND	ND	ND	ND	ND	5.4	279
12/30/18 12:30 PM	8345	332	2.31	ND	ND	ND	ND	ND	ND	ND	6.2	344
12/30/18 01:00 PM	8599	333	2.31	ND	ND	ND	ND	ND	ND	0.00226	4.9	318
12/30/18 01:30 PM	8669	337	2.33	ND	ND	ND	ND	ND	ND	ND	4.7	336
12/30/18 02:00 PM	8715	338	2.32	ND	ND	ND	ND	ND	ND	ND	4.4	314
12/30/18 02:30 PM	8855	336	2.31	ND	ND	ND	ND	ND	ND	ND	4.7	337
12/30/18 03:00 PM	8907	335	2.32	ND	ND	ND	ND	ND	ND	ND	4.6	332
12/30/18 03:30 PM	8953	339	2.31	ND	ND	ND	ND	ND	ND	ND	4.4	325
12/30/18 04:00 PM	9013	338	2.31	0.00511	ND	ND	ND	ND	ND	ND	4.4	334
12/30/18 04:30 PM	9048	336	2.31	ND	ND	ND	ND	ND	ND	ND	4.0	332
12/30/18 05:00 PM	9066	335	2.32	ND	ND	ND	ND	ND	ND	ND	5.2	305
12/30/18 05:30 PM	9070	340	2.39	ND	ND	ND	ND	ND	ND	ND	4.7	317
12/30/18 06:00 PM	9187	339	2.43	ND	ND	ND	ND	ND	ND	ND	3.6	310
12/30/18 06:30 PM	9360	336	2.35	ND	ND	ND	ND	ND	ND	ND	5.4	309
12/30/18 07:00 PM	9385	335	2.42	ND	ND	ND	ND	ND	ND	ND	5.8	306
12/30/18 07:30 PM	9245	333	2.38	ND	ND	ND	ND	ND	ND	ND	4.5	314
12/30/18 08:00 PM	9288	335	2.33	ND	ND	ND	ND	ND	ND	ND	3.8	348
12/30/18 08:30 PM	9331	339	2.31	ND	ND	ND	ND	ND	ND	ND	2.8	334
12/30/18 09:00 PM	9374	335	2.32	ND	ND	ND	ND	ND	ND	ND	4.5	176
12/30/18 09:30 PM	9557	329	2.33	ND	ND	ND	ND	ND	ND	ND	4.7	52
12/30/18 10:00 PM	9481	328	2.31	ND	ND	ND	ND	ND	ND	ND	5.6	74
12/30/18 10:30 PM	9506	304	2.22	ND	ND	ND	ND	ND	ND	ND	4.3	71
12/30/18 11:00 PM	9604	306	2.24	ND	ND	ND	ND	ND	ND	ND	1.9	113
12/30/18 11:30 PM	9741	310	2.25	ND	ND	ND	ND	ND	ND	ND	1.2	145
12/31/18 12:00 AM	9760	299	2.22	ND	ND	ND	ND	ND	ND	ND	2.5	63

## Daily Processed Summary (Average, Maximum)

Average	8674	330	2.30	0.00021	BDL	BDL	BDL	BDL	BDL	0.00028	4.2	334
Maximum Value	9760	340	2.43	0.00511	BDL	BDL	BDL	BDL	BDL	0.00423		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected

# Open Path FTIR 30-Minute Averages

Site: Formosa Point Comfort AAMS

30 min time	H2O (ppm)	CO2 (ppm)	CH4 (ppm)	CGH6_AVE (ppm)	HCL_AVE (ppm)	C2H4_AVE (ppm)	VCL_AVE (ppm)	ETO_AVE (ppm)	BUT_AVE (ppm)	DCA_AVE (ppm)	WSPD (mph)	WDIR (deg)
12/31/18 12:30 AM	9288	243	2.01	ND	ND	ND	ND	ND	ND	ND	2.3	69
12/31/18 01:00 AM	8890	218	1.89	0.03078	ND	ND	ND	ND	ND	ND	1.8	199
12/31/18 01:30 AM	8365	186	1.75	ND	ND	ND	ND	ND	ND	ND	3.9	272
12/31/18 02:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.2	267
12/31/18 02:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.6	268
12/31/18 03:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.7	264
12/31/18 03:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.0	268
12/31/18 04:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	9.7	272
12/31/18 04:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	10.1	274
12/31/18 05:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	8.3	276
12/31/18 05:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	7.5	278
12/31/18 06:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.8	284
12/31/18 06:30 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	4.6	283
12/31/18 07:00 AM	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	3.3	284
12/31/18 07:30 AM	8422	229	1.88	ND	ND	ND	ND	ND	ND	ND	4.9	260
12/31/18 08:00 AM	9315	306	2.23	ND	ND	ND	ND	ND	ND	ND	6.1	259
12/31/18 08:30 AM	9443	330	2.30	ND	ND	ND	ND	ND	ND	0.00289	5.8	258
12/31/18 09:00 AM	9555	338	2.32	ND	ND	ND	ND	ND	ND	ND	4.9	246
12/31/18 09:30 AM	9598	337	2.32	ND	ND	ND	ND	ND	ND	ND	5.1	245
12/31/18 10:00 AM	9773	341	2.39	ND	ND	ND	ND	ND	ND	ND	4.5	246
12/31/18 10:30 AM	9769	343	2.47	ND	ND	ND	ND	ND	ND	ND	4.9	237
12/31/18 11:00 AM	9732	343	2.42	ND	ND	ND	ND	ND	ND	ND	5.2	255
12/31/18 11:30 AM	10082	344	2.40	ND	ND	ND	ND	ND	ND	ND	4.5	249
12/31/18 12:00 PM	10318	347	2.41	ND	ND	ND	ND	ND	ND	ND	5.0	258
12/31/18 12:30 PM	10268	351	2.42	ND	ND	ND	ND	ND	ND	ND	4.8	252
12/31/18 01:00 PM	9963	353	2.37	ND	ND	ND	ND	ND	ND	ND	3.9	242
12/31/18 01:30 PM	9959	351	2.36	ND	ND	ND	ND	ND	ND	ND	3.2	254
12/31/18 02:00 PM	10065	349	2.34	ND	ND	ND	ND	ND	ND	ND	3.1	248
12/31/18 02:30 PM	10246	352	2.33	ND	ND	ND	ND	ND	ND	ND	2.6	254
12/31/18 03:00 PM	10219	351	2.34	ND	ND	ND	ND	ND	ND	ND	2.7	257
12/31/18 03:30 PM	10362	351	2.34	ND	ND	ND	ND	ND	ND	ND	2.1	271
12/31/18 04:00 PM	10138	348	2.33	ND	ND	ND	ND	ND	ND	ND	1.3	219
12/31/18 04:30 PM	10058	345	2.32	ND	ND	ND	ND	ND	ND	ND	1.4	252
12/31/18 05:00 PM	9991	345	2.32	ND	ND	ND	ND	ND	ND	ND	0.8	139
12/31/18 05:30 PM	9931	343	2.32	ND	ND	ND	ND	ND	ND	ND	1.5	164
12/31/18 06:00 PM	9764	345	2.33	ND	ND	ND	ND	ND	ND	ND	1.0	203
12/31/18 06:30 PM	9777	346	2.39	ND	ND	ND	ND	ND	ND	ND	1.9	164
12/31/18 07:00 PM	10316	345	2.37	ND	ND	ND	ND	ND	ND	ND	0.8	109
12/31/18 07:30 PM	10012	343	2.42	ND	ND	ND	ND	ND	ND	ND	0.6	170
12/31/18 08:00 PM	10187	345	2.45	ND	ND	ND	ND	ND	ND	ND	2.2	151
12/31/18 08:30 PM	10459	345	2.68	ND	ND	ND	ND	ND	ND	ND	2.1	161
12/31/18 09:00 PM	10619	344	2.68	ND	ND	ND	ND	ND	ND	ND	2.3	170
12/31/18 09:30 PM	11085	344	2.54	ND	ND	ND	ND	ND	ND	ND	3.3	143
12/31/18 10:00 PM	11506	347	2.51	ND	ND	ND	ND	ND	ND	ND	3.3	140
12/31/18 10:30 PM	11442	341	2.55	ND	ND	ND	ND	ND	ND	ND	1.9	141
12/31/18 11:00 PM	11324	347	2.58	ND	ND	ND	ND	ND	ND	ND	1.1	189
12/31/18 11:30 PM	11469	348	2.48	ND	ND	ND	ND	ND	ND	ND	1.7	151
01/01/19 12:00 AM	11533	344	2.46	ND	ND	ND	ND	ND	ND	ND	1.0	237

## Daily Processed Summary (Average, Maximum)

Average	10088	330	2.35	0.00064	BDL	BDL	BDL	BDL	BDL	BDL	3.2	254
Maximum Value	11533	353	2.68	0.03078	BDL	BDL	BDL	BDL	BDL	0.00289		

BDL = Below Detection Limit

Blank = Not Available

ND = Not Detected